

From wd5ivd@tapr.org Mon Jan 26 15:33:01 1998
Received: from [208.134.134.40] ([208.134.134.40]) by tapr.org (8.7.5/8.7.3/1.9)
with ESMTP id PAA25664; Mon, 26 Jan 1998 15:32:51 -0600 (CST)
Message-Id: <v0313035db0f2b06f6a4d@[208.134.134.40]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 26 Jan 1998 15:32:15 -0600
To: aprsqsy@tapr.org, "APRS SIG list mailing"<aprssig@tapr.org>,
 aprsnews@tapr.org
From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Subject: New APRS Mail Archives Available

APRSQSY and APRSNEW mail archives are available under the aprssig sig area
on ftp.tapr.org

<ftp://ftp.tapr.org/tapr/SIG/aprssig/aprsqsy/>

<ftp://ftp.tapr.org/tapr/SIG/aprssig/aprsnews/>

Cheers - Greg, WD5IVD

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
<http://www.tapr.org/~wd5ivd>

Any sufficiently advanced technology is indistinguishable from
a rigged demo.

From wd5ivd@tapr.org Thu Jan 29 21:53:26 1998
Received: from [208.134.134.40] ([208.134.134.40]) by tapr.org (8.7.5/8.7.3/1.9)
with ESMTP id VAA19534 for <aprsnews>; Thu, 29 Jan 1998 21:53:22 -0600 (CST)
Message-Id: <v03130308b0f6feb63b5d@[208.134.134.40]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 29 Jan 1998 21:52:53 -0600
To: aprsnews@tapr.org
From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Subject: TEST

This is a test.

Stan --

1. Forward the message unedited back to the aprsnews@tapr.org. The
listserv will remove the dotted line and everything above it automatically.

or

2. edit the message and send it as a new message from your e-mail account. Be sure that it is from you and not a resend or a redirect. If the list sees an e-mail other than your two major accounts, it will bounce it back to you again.

Either of these methods will post this message to the list.

Hello everyone!

Cheers - Greg

Greg Jones, WD5IVD
Austin, Texas
wd5ivd@tapr.org
<http://www.tapr.org/~wd5ivd>

Any sufficiently advanced technology is indistinguishable from a rigged demo.

From stanzepa@mail2.nai.net Thu Jan 29 22:23:43 1998
Received: from mail2.nai.net (mail2.nai.net [208.133.174.66]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA20626 for <aprsnews@tapr.org>; Thu, 29 Jan 1998 22:23:41 -0600 (CST)
From: stanzepa@mail2.nai.net
Received: from smtp2.nai.net (Waterbury-Usr1-7.nai.net [208.133.173.16]) by mail2.nai.net (8.8.8/8.8.8) with SMTP id XAA28440 for <aprsnews@tapr.org>; Thu, 29 Jan 1998 23:23:50 -0500 (EST)
Date: Thu, 29 Jan 1998 23:23:50 -0500 (EST)
Message-Id: <199801300423.XAA28440@mail2.nai.net>
X-Mailer: Microsoft Internet Mail and News for Macintosh - 1.1 (34)
Subject: COUNTY-WARNINGS
To: aprsnews@tapr.org
Mime-version: 1.0
Content-type: text/plain; charset="us-ascii"

Sender: Bob Bruninga <bruninga@nadn.navy.mil>
Subject: COUNTY-WARNINGS

APRSdos (APRS810.zip) is now compatible with the County-WARNING system pioneered by the Sprouls. All it takes is to make sure your maps have properly formatted county names as labels on all your maps. I have done this for all maps in my Emaps18.zip file for the middle atlantic region.

For this, there are two new commands in APRSdos:

WEATHER-DISPLAY-NO-counties - County Warnings default to on, but you can toggle them off if you are not interested.

WEATHER-DISPLAY-SHOWcntys - Will give a test display of all counties

Even if you are not in the .EAS area, just zoom so that USAEAST.map comes up and hit WEATHER-DISPLAYS-SHOW and you will see how the counties will look when activated. (Actually this test only activates every other county so that the map doesn't go solid color).

To facilitate this process, MAPFIX34.exe has two new comands making it very easy to add these labels properly to your maps. The keys R and W will display range rings and Weather circles so you can see how it will look. I need volunteers. So far, CA, KS and MO are all in work

If you want to do this, see the WX.TXT and COUNTIES.HOW readme files. Your county map labels must match exactly the Sprouls format.

de Bob

From stanzepa@mail2.nai.net Fri Jan 30 18:40:26 1998
Received: from mail2.nai.net (mail2.nai.net [208.133.174.66]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA16041 for <aprsnews@tapr.org>; Fri, 30 Jan 1998 18:40:24 -0600 (CST)
From: stanzepa@mail2.nai.net
Received: from smtp2.nai.net (Waterbury-Usr1-6.nai.net [208.133.173.15]) by mail2.nai.net (8.8.8/8.8.8) with SMTP id TAA07179 for <aprsnews@tapr.org>; Fri, 30 Jan 1998 19:40:43 -0500 (EST)
Date: Fri, 30 Jan 1998 19:40:43 -0500 (EST)
Message-Id: <199801310040.TAA07179@mail2.nai.net>
X-Mailer: Microsoft Internet Mail and News for Macintosh - 1.1 (34)
Subject: Floridy County Warnings (DOS)
To: News_APRS <aprsnews@tapr.org>
Mime-version: 1.0
Content-type: text/plain; charset="us-ascii"

Sender: Bob Bruninga <bruninga@nadn.navy.mil>
Subject: Floridy County Warnings (DOS)

Just posted SEmaps18.zip which has all of the Florida maps upgraded to include the County WX-WARNING circles. This is compatible with APRS810.
Summary to date: Emaps18.zip - All maps for CT,DE,MD,NJ,NY,PA,VA = done
SEmaps18.zip - All maps for FL = done

Maps in work: Calif - WA6YLB
MO,KS - KU0G

If there are any other NWS sites currently transmitting Mac/WinAPRS WX WARNINGS, let me know, so we (or you) can add the Counties to the DOS maps for your area.

See Maryland APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
See GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From stanzepa@mail2.nai.net Fri Jan 30 21:15:49 1998
Received: from mail2.nai.net (mail2.nai.net [208.133.174.66]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA27049 for <aprsnews@tapr.org>; Fri, 30 Jan 1998 21:15:46 -0600 (CST)
From: stanzepa@mail2.nai.net
Received: from smtp2.nai.net (Waterbury-Usr2-13.nai.net [208.133.173.70]) by mail2.nai.net (8.8.8/8.8.8) with SMTP id WAA18073 for <aprsnews@tapr.org>; Fri, 30 Jan 1998 22:16:08 -0500 (EST)
Date: Fri, 30 Jan 1998 22:16:08 -0500 (EST)
Message-Id: <199801310316.WAA18073@mail2.nai.net>
X-Mailer: Microsoft Internet Mail and News for Macintosh - 1.1 (34)
Subject: Floridy County Warnings (DOS)
To: News_APRS <aprsnews@tapr.org>
Mime-version: 1.0
Content-type: text/plain; charset="us-ascii"

Sender: Larry Keeran <lmkeeran@rs6000.cmp.ilstu.edu>
Subject: Re: Floridy County Warnings (DOS)

Illinois at ILX (Lincoln) has a need for the addition of counties to the DOS maps. And I don't know how to do it. I would greatly appreciate a more knowledgeable person do it for us.

stanzepa@mail2.nai.net wrote:

>

> Sender: Bob Bruninga <bruninga@nadm.navy.mil>

> If there are any other NWS sites currently transmitting Mac/WinAPRS WX
> WARNINGS, let me know, so we (or you) can add the Counties to the DOS maps
> for your area.

-

Larry M. Keeran K9ORP EC - NWS ILX APRS Coord - k9orp@tapr.org
Sec/Tres CIPRUS,Inc-Pres QCWA-Life ARRL-TAPR-APRS-MacAPRS-WinAPRS

From stanzepa@mail2.nai.net Sat Jan 31 12:29:31 1998

Received: from mail2.nai.net (mail2.nai.net [208.133.174.66]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id MAA27840 for <aprsnews@tapr.org>; Sat, 31 Jan 1998
12:29:29 -0600 (CST)
From: stanzepa@mail2.nai.net
Received: from smtp2.nai.net (Waterbury-Usr1-19.nai.net [208.133.173.28])
by mail2.nai.net (8.8.8/8.8.8) with SMTP id NAA25009
for <aprsnews@tapr.org>; Sat, 31 Jan 1998 13:29:57 -0500 (EST)
Date: Sat, 31 Jan 1998 13:29:57 -0500 (EST)
Message-Id: <199801311829.NAA25009@mail2.nai.net>
X-Mailer: Microsoft Internet Mail and News for Macintosh - 1.1 (34)
Subject: Re: Floridy County Warnings (DOS)
To: News_APRS <aprsnews@tapr.org>
Mime-version: 1.0
Content-type: text/plain; charset="us-ascii"

Sender: Bob Bruninga <bruninga@nadn.navy.mil>
Subject: Re: Floridy County Warnings (DOS)

On Fri, 30 Jan 1998 stanzepa@mail2.nai.net wrote:

> Illinois at ILX (Lincoln) has a need for the addition of counties to the
> DOS maps. And I don't know how to do it. I would greatly appreciate

APRSDOS REPLY/COMMENT: I am doing all of the MIDWEST this weekend. TNX

bob

From wd5ivd@tapr.org Tue Feb 03 00:30:34 1998
Received: from [208.134.134.40] ([208.134.134.40]) by tapr.org (8.7.5/8.7.3/1.9)
with ESMTP id AAA02494; Tue, 3 Feb 1998 00:30:28 -0600 (CST)
Message-Id: <v03130302b0fc65da815c@[208.134.134.40]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 3 Feb 1998 00:30:05 -0600
To: "TAPR-BB list mailing"<tapr-bb@tapr.org>, aprsnews@tapr.org,
"TAPR APRS SIG"<aprssig@tapr.org>
From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Subject: TAPR Mail Archives Search Engine Fixed

Several people reported problems with the TAPR Mail Archives in the last few weeks. This problem has been corrected and now the largest mail archives are again searchable. The mail archives are updated on the first of each month to include the previous months messages.

Thanks to those for pointing out the problem.

In addition, the HTML version of the archives has been updated to include all 1997 postings. We should be updating these pages quarterly.

The web page for the mail archives is:
<http://www.tapr.org/tapr/html/taprmalsearch.html>

Cheers - Greg, WD5IVD
TAPR

Tucson Amateur Packet Radio
8987-309 E Tanque Verde Rd #337 * Tucson, Az * 85749-9399

e-mail: tapr@tapr.org web: <<http://www.tapr.org/>>
ftp: [ftp.tapr.org](ftp://ftp.tapr.org)
phone: 940-383-0000 fax: 940-565-2544

From stanzepa@mail2.nai.net Tue Feb 03 18:46:41 1998
Received: from usa.nai.net (usa.nai.net [204.71.21.10]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id SAA23169; Tue, 3 Feb 1998 18:46:37 -0600 (CST)
Received: from 208.133.162.150 (Bridgeport-Usr3-45.nai.net [208.133.162.150])
by usa.nai.net (8.8.8/8.8.8) with ESMTP id TAA01949;
Tue, 3 Feb 1998 19:42:22 -0500 (EST)
Message-ID: <34D77417.1DCDADBE@ct2.nai.net>
Date: Tue, 03 Feb 1998 19:46:35 +0000
From: Stan Horzepa <stanzepa@mail2.nai.net>

X-Mailer: Mozilla 4.01 (Macintosh; U; PPC)
MIME-Version: 1.0
To: aprsnews@tapr.org, aprssig@tapr.org
Subject: Midwest APRS County Warnings
X-Priority: 3 (Normal)
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sender: Bob Bruninga <bruninga@nadn.navy.mil>
Subject: Midwest APRS County Warnings

Mmaps18.zip is now posted for APRSdos users. These maps will display the County Warning areas in the midwest for NWS warnings transmitted by Mac/WinAPRS. If you have a Skywarn organization in your area, or APRS at your NWS and want to transmit these NWS warnings on APRS, contact the Sprouls for Mac/Win or WB4APR for dos.

Following states are now covered:

New Eng	- MA
East	- CT,DE,NY,MD,PA,VA,WV
Midwest	- IA,IL,IN,KY,MI,MN,WI
S.East	- FL. AL,MS,GA,SC in work
West	- KS,MO,CA in work

Still need volunteers for Central states, Northwest and TX.

de WB4APR

From stanzepa@mail2.nai.net Thu Feb 05 20:59:24 1998
Received: from usa.nai.net (usa.nai.net [204.71.21.10]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA15494; Thu, 5 Feb 1998 20:59:21 -0600 (CST)
Received: from 208.133.162.39 (Bridgeport-Usr1-30.nai.net [208.133.162.39]) by usa.nai.net (8.8.8/8.8.8) with ESMTP id VAA26389; Thu, 5 Feb 1998 21:55:15 -0500 (EST)
Message-ID: <34DA363A.F0F96D9D@ct2.nai.net>
Date: Thu, 05 Feb 1998 21:59:27 +0000
From: Stan Horzepa <stanzepa@mail2.nai.net>
X-Mailer: Mozilla 4.01 (Macintosh; U; PPC)
MIME-Version: 1.0
To: APRS NEWS <aprsnews@tapr.org>, APRS SIG <aprssig@tapr.org>
Subject: WinAPRS version 2.1.1
X-Priority: 3 (Normal)
Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854"; x-mac-creator="4D4F5353"
Content-Transfer-Encoding: 7bit

Sender: Mark Sproul <sproul@ap.org>

Subject: WinAPRS version 2.1.1

I have just finished uploading WinAPRS 2.1.1, there are many new features and bug fixes.

Rutgers site at <ftp://aprs.rutgers.edu/pub/hamradio/APRS/WinAPRS/>
TAPR site at <ftp://ftp.tapr.org/tapr/SIG/aprssid/files/winstuff/WinAPRS/>

If you already have WinAPRS installed, you only need to download W211UPDT.ZIP, this has the files that have changed.

MacAPRS Version 3.1.1 - Feb 5, 1998
WinAPRS Version 2.1.1

Auto-reconnect option for TCP/IP connections
For Win95 and WinNT, the DLL is no longer used, instead the code is built in to the program. For Windows 3.1 and 3.1.1, the DLL is REQUIRED, there is no other way to do serial I/O.
(95/NT only) Comm ports greater than 4 now supported, should work up to 12.
Support for DEM - Digital Elevation Model map files (see the About DEMs under Windows Menu)
Weather Icons and other Icons fixed
Multi-line bullitens now have seperate bulliten numbers
Weather alarms now go out over TCP/IP properly
RESTORE.TNC files now work properly
Minor changes to the NWS weather bullitens
Automatically turns off call signs above a range of about 3000 miles (USA MAP)

Mark Sproul	Amateur Radio: KB2ICI
Software Engineer @ Assoc Press	
sproul@ap.org	Work: 609-860-7120
North Brunswick, NJ	Fax: 609-860-7129
http://msproul.rutgers.edu/	

From stanzepa@mail2.nai.net Fri Feb 06 21:48:30 1998
Received: from usa.nai.net (usa.nai.net [204.71.21.10]) by tapr.org

(8.7.5/8.7.3/1.9) with ESMTP id VAA00315; Fri, 6 Feb 1998 21:48:23 -0600 (CST)
Received: from 208.133.162.35 (Bridgeport-Usr1-26.nai.net [208.133.162.35])

by usa.nai.net (8.8.8/8.8.8) with ESMTP id WAA01357;

Fri, 6 Feb 1998 22:42:31 -0500 (EST)

Message-ID: <34DB930D.A9A27E1B@ct2.nai.net>

Date: Fri, 06 Feb 1998 22:47:42 +0000

From: Stan Horzepa <stanzepa@mail2.nai.net>

X-Mailer: Mozilla 4.01 (Macintosh; U; PPC)

MIME-Version: 1.0

To: APRS NEWS <aprsnews@tapr.org>, APRS SIG <aprssig@tapr.org>

Subject: New NEW ENGLAND DOS maps

X-Priority: 3 (Normal)

Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854"; x-mac-creator="4D4F5353"

Content-Transfer-Encoding: 7bit

Sender: Bob Bruninga <bruninga@nadn.navy.mil>

Subject: New NEW ENGLAND DOS maps

I just posted NEAmaps2.zip These maps cover MA, NH, VT and Maine and now include the WX WARNING capability. Here is some background:

These maps are 1994 and 1995 maps made mostly by Jim Waroukis W1KRU and I added them to my maps and made NEAmaps1.zip 2 years ago. Everyone

in the above states should be using these maps. Although I dont normally provide the NEAmaps with disks that I mail out since both Emaps

and NEAmaps and APRS wont fit on one disk.

So make sure dos users up there are aware of these maps. In adding the WX Warning circles, I also improved on many of them, so they should look

better...

ALSO, they are not named NEmaps because that is reserved for NEbraska. Therefore the MAPLIST is .NEA not NE...

Reply mail addr: wb4apr@amsat.org

US mail address: 115 old Farm Ct, Glen Burnie, MD 21060

See DAYTON97 HISTORY: <http://web.usna.navy.mil/~bruninga/dayton.html>

See Maryland APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

See GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From stanzepa@mail2.nai.net Fri Feb 06 21:48:35 1998

Received: from usa.nai.net (usa.nai.net [204.71.21.10]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id VAA00387; Fri, 6 Feb 1998 21:48:31 -0600 (CST)
Received: from 208.133.162.35 (Bridgeport-Usr1-26.nai.net [208.133.162.35])
by usa.nai.net (8.8.8/8.8.8) with ESMTP id WAA01361;
Fri, 6 Feb 1998 22:42:44 -0500 (EST)
Message-ID: <34DB9347.5E1757DD@ct2.nai.net>
Date: Fri, 06 Feb 1998 22:48:41 +0000
From: Stan Horzempa <stanzepa@mail2.nai.net>
X-Mailer: Mozilla 4.01 (Macintosh; U; PPC)
MIME-Version: 1.0
To: APRS NEWS <aprsnews@tapr.org>, APRS SIG <aprssig@tapr.org>
Subject: New NEW ENGLAND DOS maps
X-Priority: 3 (Normal)
Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854"; x-mac-
creator="4D4F5353"
Content-Transfer-Encoding: 7bit

Sender: Bob Bruninga <bruninga@nadn.navy.mil>
Subject: New NEW ENGLAND DOS maps

I just posted NEAmaps2.zip These maps cover MA, NH, VT and Maine and
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These maps are 1994 and 1995 maps made mostly by Jim Waroukis W1KRU
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and NEAmaps and APRS wont fit on one disk.

So make sure dos users up there are aware of these maps. In adding the
WX Warning circles, I also improved on many of them, so they should look

better...

ALSO, they are not named NEmaps because that is reserved for NEbraska.
Therefore the MAPLIST is .NEA not NE...

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: <http://web.usna.navy.mil/~bruninga/dayton.html>
See Maryland APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
See GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From stanzepa@mail2.nai.net Sun Feb 08 18:41:18 1998
Received: from usa.nai.net (usa.nai.net [204.71.21.10]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id SAA07167 for <aprsnews@tapr.org>; Sun, 8 Feb 1998
18:41:17 -0600 (CST)
Received: from 208.133.162.138 (Bridgeport-Usr3-33.nai.net [208.133.162.138])
by usa.nai.net (8.8.8/8.8.8) with SMTP id TAA15173
for <aprsnews@tapr.org>; Sun, 8 Feb 1998 19:35:36 -0500 (EST)
Message-Id: <199802090035.TAA15173@usa.nai.net>
X-Mailer: Microsoft Internet Mail & News for Macintosh - 3.0c (405)
Date: Sun, 08 Feb 1998 19:41:15 +0000
Subject: APRS811 posted
From: Stan Horzepa <stanzepa@mail2.nai.net>
To: "aprsnews@tapr.org" <aprsnews@tapr.org>
Mime-version: 1.0
Content-type: text/plain; charset="us-ascii"
Content-transfer-encoding: 7bit

Sender: Bob Bruninga <bruninga@nadn.navy.mil>
Subject: APRS811 posted

- * Added new Ethernet capability for running one APRS on a LAN and feeding multiple receive sites... Contact me for details.
- * Fixed bug in 810 that would accept ALL copies of WX warnings making for a full TRAFFIC page and multiple re-draws of circles
- * WX warnings now can color States too on the USA map for example
- * WX warnings default off on CGA
- * I increased the number of map labels from 199 to 210.
- * re-arranged WX menu. New ICON-FORMAT is submenu and WInds are now in WX-DISPLAYS
- * APRS auto-sorts HEARD and POSITS list after 3 hrs of no kbrd activity
- * MAPFIX35 now does Filename paths better and TASK-TRIM and IMPORT work better on Labels
- * MAPFIX35 has new LABELS-Multiply and Divide for changing range scales
- * MAPFIX35 now defaults to saving files in the LineFormat

From stanzepa@mail2.nai.net Mon Feb 09 18:02:28 1998
Received: from usa.nai.net (usa.nai.net [204.71.21.10]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id SAA15368 for <aprsnews@tapr.org>; Mon, 9 Feb 1998
18:02:26 -0600 (CST)
Received: from 208.133.162.77 (Bridgeport-Usr2-20.nai.net [208.133.162.77])
by usa.nai.net (8.8.8/8.8.8) with SMTP id SAA24438
for <aprsnews@tapr.org>; Mon, 9 Feb 1998 18:56:49 -0500 (EST)
Message-Id: <199802092356.SAA24438@usa.nai.net>
X-Mailer: Microsoft Internet Mail & News for Macintosh - 3.0c (405)
Date: Mon, 09 Feb 1998 19:02:28 +0000
Subject: APRSSIG problems

From: Stan Horzepa <stanzepa@mail2.nai.net>
To: "aprsnews@tapr.org" <aprsnews@tapr.org>
Mime-version: 1.0
Content-type: text/plain; charset="us-ascii"
Content-transfer-encoding: 7bit

If you subscribe to the APRSSIG and have not been receiving SIG messages the last few days, please resubscribe to the SIG. Problems at the SIG computer have likely erased your subscription information.

Stan Horzepa, WA1LOU, APRSSIG chairman

From stanzepa@mail2.nai.net Tue Feb 10 21:10:01 1998
Received: from usa.nai.net (usa.nai.net [204.71.21.10]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA08652 for <aprsnews@tapr.org>; Tue, 10 Feb 1998 21:09:59 -0600 (CST)
Received: from 208.133.162.124 (Bridgeport-Usr3-19.nai.net [208.133.162.124]) by usa.nai.net (8.8.8/8.8.8) with SMTP id WAA00946 for <aprsnews@tapr.org>; Tue, 10 Feb 1998 22:04:09 -0500 (EST)
Message-Id: <199802110304.WAA00946@usa.nai.net>
X-Mailer: Microsoft Internet Mail & News for Macintosh - 3.0c (405)
Date: Tue, 10 Feb 1998 20:22:07 +0000
Subject: APRS+SA v0.8.18 available for TESTING
From: Stan Horzepa <stanzepa@mail2.nai.net>
To: "aprsnews@tapr.org" <aprsnews@tapr.org>
Mime-version: 1.0
Content-type: text/plain; charset="us-ascii"
Content-transfer-encoding: 7bit

Sender: "B. Hildebrand" <bhildebrand@worldnet.att.net>
Subject: APRS+SA v0.8.18 available for TESTING

February 9, 1998
APRS+SA v0.8.18 Release Notes
Fixes:

- 1) Proximity Alerts work with HSP mode
- 2) Multiple selection works on Outbox

New:

1) Character based Event Log. The Event Log is activate by checking the appropriate box on the Program tab of the Setup window. A number of events are now logged to a separate window. Events include things such as Proximity alarms, Tracking update events, incoming messages, transmitted text via the RF port, ranging requests, APRServe connect/disconnect times, and other data. These events are color coded. Alerts in red, incoming messages in brown, etc. The font is user selectable. The Event Log is saved on program exit in the file called EventLog.RTF. The Event Log is in Rich Text Format. Files can be read by programs such as Microsoft Word or

WordPad with color and font preserved. The Event log can be made the top most window making it always visible. It can also be made small without a title bar so as to take up minimal space. See the View menu.

2) The program is getting ready for future updates to APRServe by Steve Dimse, K4HG. There is now a space to enter the APRServe Logon password. Currently, this is not required, but in the future it will be, when the ability to gate RF to RF via the Internet is available.

3) Tracking: You can now zoom to the most recently heard Posit for stations in the tracking list. Check the zoom box on the Tracking page.

4) Directed Query: When you issue a directed query, APRS+SA then begins to look for a Posit from that station. When it is heard, it is processed as if it were in the tracking list. Thus, if tracking is enabled, auto update on, and zoom enabled, A map will be drawn showing the location of the Posit when ever it is heard.

Brent Hildebrand, KH2Z

APRS+SA v0.8.17

<http://k8sn.org/aprsa4>

Waypoint+ v1.7.04

<http://k8sn.org/waypoint>

From stanzepa@mail2.nai.net Wed Feb 11 18:26:16 1998

Received: from usa.nai.net (usa.nai.net [204.71.21.10]) by tapr.org

(8.7.5/8.7.3/1.9) with ESMTP id SAA00922 for <aprsnews@tapr.org>; Wed, 11 Feb 1998 18:26:15 -0600 (CST)

Received: from 208.133.162.46 (Bridgeport-Usr1-37.nai.net [208.133.162.46])

by usa.nai.net (8.8.8/8.8.8) with SMTP id TAA11655

for <aprsnews@tapr.org>; Wed, 11 Feb 1998 19:20:28 -0500 (EST)

Message-Id: <199802120020.TAA11655@usa.nai.net>

X-Mailer: Microsoft Internet Mail & News for Macintosh - 3.0c (405)

Date: Wed, 11 Feb 1998 19:26:41 +0000

Subject: South East maps

From: Stan Horzepa <stanzepa@mail2.nai.net>

To: "aprsnews@tapr.org" <aprsnews@tapr.org>

Mime-version: 1.0

Content-type: text/plain; charset="us-ascii"

Content-transfer-encoding: 7bit

Sender: Bob Bruninga <bruninga@nadn.navy.mil>

Subject: South East maps

I just posted SEmaps19.zip for APRSdos users that now supports the Sprouls county warning system for the following states:

AL, GA, FL, NC, SC, TN.

Still working on AR, MS and Louisiana, KS, MO and CA...

Many thanks to the help of Chirs Stevens and Phil Cataldi!

From stanzepa@mail2.nai.net Wed Feb 18 21:29:20 1998
Received: from usa.nai.net (usa.nai.net [204.71.21.10]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id VAA20667 for <aprsnews@tapr.org>; Wed, 18 Feb 1998
21:29:18 -0600 (CST)
Received: from 208.133.162.78 (Bridgeport-Usr2-21.nai.net [208.133.162.78])
by usa.nai.net (8.8.8/8.8.8) with SMTP id WAA02731
for <aprsnews@tapr.org>; Wed, 18 Feb 1998 22:23:53 -0500 (EST)
Message-Id: <199802190323.WAA02731@usa.nai.net>
X-Mailer: Microsoft Internet Mail & News for Macintosh - 3.0c (405)
Date: Wed, 18 Feb 1998 22:29:50 +0000
Subject: New PA maps
From: Stan Horzepa <stanzepa@mail2.nai.net>
To: "aprsnews@tapr.org" <aprsnews@tapr.org>
Mime-version: 1.0
Content-type: text/plain; charset="us-ascii"
Content-transfer-encoding: 7bit

Sender: Bob Bruninga <bruninga@nadm.navy.mil>
Subject: New PA maps

I just upgraded PAmaps18.zip. This file contains street level maps of
Chester, NEWTON and some NE PA. It also contains street level maps around
Timonium Maryland for those that visit the Hamfest there..

If you live in Pennsylvania, go get em....

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: <http://web.usna.navy.mil/~bruninga/dayton.html>
See Maryland APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
See GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From stanzepa@mail2.nai.net Sat Feb 21 07:15:58 1998
Received: from usa.nai.net (usa.nai.net [204.71.21.10]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id HAA00698 for <aprsnews@tapr.org>; Sat, 21 Feb 1998
07:15:57 -0600 (CST)
Received: from 208.133.162.73 (Bridgeport-Usr2-16.nai.net [208.133.162.73])
by usa.nai.net (8.8.8/8.8.8) with SMTP id IAA26048
for <aprsnews@tapr.org>; Sat, 21 Feb 1998 08:10:39 -0500 (EST)
Message-Id: <199802211310.IAA26048@usa.nai.net>
X-Mailer: Microsoft Internet Mail & News for Macintosh - 3.0c (405)
Date: Sat, 21 Feb 1998 08:16:53 +0000
Subject: APRSdos Maps

From: Stan Horzepa <stanzepa@mail2.nai.net>
To: "aprsnews@tapr.org" <aprsnews@tapr.org>
Mime-version: 1.0
Content-type: text/plain; charset="us-ascii"
Content-transfer-encoding: 7bit

Sender: Bob Bruninga <bruninga@nadn.navy.mil>
Subject: APRSdos Maps

Just uploaded New Midwest and WEST maps in MMaps19.zip
Wmaps18.zip

These add county WX warning circles to CALIF, NV and Oregon
Also there is a new ILneast map comissioned by N9IHW
WX Warning Counties for Ohio are also added.
Adds WIneast.map also

de WB4APR

From stanzepa@mail2.nai.net Sat Feb 21 14:34:12 1998
Received: from usa.nai.net (usa.nai.net [204.71.21.10]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id OAA28126 for <aprsnews@tapr.org>; Sat, 21 Feb 1998
14:34:11 -0600 (CST)
Received: from 208.133.162.85 (Bridgeport-Usr2-28.nai.net [208.133.162.85])
by usa.nai.net (8.8.8/8.8.8) with SMTP id PAA27993
for <aprsnews@tapr.org>; Sat, 21 Feb 1998 15:28:53 -0500 (EST)
Message-Id: <199802212028.PAA27993@usa.nai.net>
X-Mailer: Microsoft Internet Mail & News for Macintosh - 3.0c (405)
Date: Sat, 21 Feb 1998 15:34:50 +0000
Subject: Re: APRSdos Maps
From: Stan Horzepa <stanzepa@mail2.nai.net>
To: "aprsnews@tapr.org" <aprsnews@tapr.org>
Mime-version: 1.0
Content-type: text/plain; charset="us-ascii"
Content-transfer-encoding: 7bit

Sender: Bob Bruninga <bruninga@nadn.navy.mil>
Subject: Re: APRSdos Maps

I wrote:>

> Just uploaded New Midwest and WEST maps in MMaps19.zip
> Wmaps18.zip
>
> These add county WX warning circles to CALIF, NV and Oregon

APRSdos REPLY/COMMENT: I notice that the labels kind of clutter the map
at the 32 mile scale. This will be corrected in the next version of
APRS812 to be posted in about 3 days.. So dont worry about the labels

cluttering the map. You can hit the "[" key to eliminate them until the new 812 comes out.

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: <http://web.usna.navy.mil/~bruninga/dayton.html>
See Maryland APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
See GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From stanzepa@mail2.nai.net Mon Feb 23 21:13:01 1998
Received: from usa.nai.net (usa.nai.net [204.71.21.10]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id VAA17454 for <aprsnews@tapr.org>; Mon, 23 Feb 1998
21:13:00 -0600 (CST)
Received: from 208.133.162.63 (Bridgeport-Usr2-6.nai.net [208.133.162.63])
by usa.nai.net (8.8.8/8.8.8) with SMTP id WAA21460
for <aprsnews@tapr.org>; Mon, 23 Feb 1998 22:07:50 -0500 (EST)
Message-Id: <199802240307.WAA21460@usa.nai.net>
X-Mailer: Microsoft Internet Mail & News for Macintosh - 3.0c (405)
Date: Mon, 23 Feb 1998 22:14:04 +0000
Subject: Big APRS <-> Internet news!
From: Stan Horzepa <stanzepa@mail2.nai.net>
To: "aprsnews@tapr.org" <aprsnews@tapr.org>
Mime-version: 1.0
Content-type: text/plain; charset="us-ascii"
Content-transfer-encoding: 7bit

Sender: Steve Dimse K4HG <k4hg@tapr.org>
Subject: Big APRS <-> Internet news!

We are about two weeks from the official opening of the Internet to RF gateways!

Most of the software is done and tested. Full details of the protocol, and how the system works, are available on the web at

<http://www.aprs.net/vm/inetmsg.html>

There will be new versions of Mac/WinAPRS and APRS+SA in the very near future to handle the new message format. ALL USERS SHOULD UPGRADE!!! People using older versions of the software will have read-only access to APRServe, and will not receive IGated messages properly.

For most people using Mac/WinAPRS, the change involves nothing more than the new version of software.

APRS+SA users need to contact me to get a validation number. For this, you must either be a registered user of Mac/WinAPRS/dos, or make a solemn

pledge to register with Brent once he is ready to start taking registrations. Just email me (k4hg@tapr.org) with your call and which program you are registered for, and I'll email you back the number. Mac/WinAPRS generate this number automatically for registered users. Unregistered users will still be able to use APRServe as it is now, however they will not be able to initiate messages that will get IGated to VHF.

APRSDos users who have recent versions should be fine, though older versions will not decode the new messages properly. I am not sure exactly what the cutoff version is however...only 811 has been tested to by me...

Mac/WinAPRS/+SA users that are IGating data to the internet, will need to get another version of the software which enables IGating from internet to rf. This IGate version will not be available until the system goes live a week or so after the user software upgrades are released.

I know this all sounds a little confusing, but please read the web page, and if you have any questions feel free to ask me.

73 de Steve K4HG

From stanzepa@mail2.nai.net Tue Feb 24 18:33:12 1998
Received: from usa.nai.net (usa.nai.net [204.71.21.10]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA17995 for <aprsnews@tapr.org>; Tue, 24 Feb 1998 18:33:07 -0600 (CST)
Received: from 208.133.162.112 (Bridgeport-Usr3-7.nai.net [208.133.162.112]) by usa.nai.net (8.8.8/8.8.8) with SMTP id TAA21361 for <aprsnews@tapr.org>; Tue, 24 Feb 1998 19:28:00 -0500 (EST)
Message-Id: <199802250028.TAA21361@usa.nai.net>
X-Mailer: Microsoft Internet Mail & News for Macintosh - 3.0c (405)
Date: Tue, 24 Feb 1998 19:34:15 +0000
Subject: APRS812 posted and IL/IA maps
From: Stan Horzepa <stanzepa@mail2.nai.net>
To: "aprsnews@tapr.org" <aprsnews@tapr.org>
Mime-version: 1.0
Content-type: text/plain; charset="us-ascii"
Content-transfer-encoding: 7bit

Sender: Bob Bruninga <bruninga@nadn.navy.mil>
Subject: APRS812 posted and IL/IA maps

Nothing earth shattering, but smoothed wrinkles in 811..... I hope.

- * Improved the Ethernet capability for running multiple APRS's on LANs
 Use FILE-ETHERNET command
- * Range lines are now erased as you cycle through stations on map
- * Fixed 811 auto-sort on startup

- * Fixed MapLock
- * Fixed F-10 DOZ error due to auto-sort after 2 hours of inactivity
- * Fixed "can't-find-comma" scrolling problem
- * Changed County warning labels display down one range for less clutter
- * Much improved USANWest.map moved from .WES to .maplist w counties
- * ALSO posted MMaps20.zip which has improved labeling of ILnorth and all large IA maps

Reply mail addr: wb4apr@amsat.org

US mail address: 115 old Farm Ct, Glen Burnie, MD 21060

See DAYTON97 HISTORY: <http://web.usna.navy.mil/~bruninga/dayton.html>

See Maryland APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

See GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From stanzepa@mail2.nai.net Thu Feb 26 13:31:18 1998

Received: from usa.nai.net (usa.nai.net [204.71.21.10]) by tapr.org

(8.7.5/8.7.3/1.9) with ESMTP id NAA00741 for <aprsnews@tapr.org>; Thu, 26 Feb 1998 13:31:17 -0600 (CST)

Received: from 208.133.162.143 (Bridgeport-Usr3-38.nai.net [208.133.162.143])

by usa.nai.net (8.8.8/8.8.8) with SMTP id HAA26202

for <aprsnews@tapr.org>; Thu, 26 Feb 1998 07:53:54 -0500 (EST)

Message-Id: <199802261253.HAA26202@usa.nai.net>

X-Mailer: Microsoft Internet Mail & News for Macintosh - 3.0c (405)

Date: Thu, 26 Feb 1998 08:00:08 +0000

Subject: APRS+SA v0.8.19 has been posted

From: Stan Horzempa <stanzepa@mail2.nai.net>

To: "aprsnews@tapr.org" <aprsnews@tapr.org>

Mime-version: 1.0

Content-type: text/plain; charset="us-ascii"

Content-transfer-encoding: 7bit

Sender: "B. Hildebrand" <bhildebrand@worldnet.att.net>

Subject: APRS+SA v0.8.19 has been posted

February 25,1998

APRS+SA v0.8.19 Release Notes

Fixes:

- 1) Length Error Parse[61] that occasionally occurs with tracking
- 2) Improved mode switching between Garmin and NMEA mode on the second serial port
- 3) Improved shutdown routine. I don't "think" it will leave itself behind after closing the program , but I'm sure y'all will tell me.

New:

- 1) Support for New Internet Messaging protocol. Note that in order to access APRServe with permission to access the upcoming Internet to RF gating capabilities, you will need a password. These can be obtained from Steve Dimse, K4HG at k4hg@tapr.org.

2) Grid lines can now be included with maps drawn by APRS+SA

Brent Hildebrand, KH2Z

APRS+SA v0.8.19

<http://k8sn.org/aprsa4>

<http://www.tapr.org>

Waypoint+ v1.7.04

<http://k8sn.org/waypoint>

From stanzepa@mail2.nai.net Fri Feb 27 18:18:20 1998

Received: from usa.nai.net (usa.nai.net [204.71.21.10]) by tapr.org

(8.7.5/8.7.3/1.9) with ESMTP id SAA06153 for <aprsnews@tapr.org>; Fri, 27 Feb 1998 18:18:18 -0600 (CST)

Received: from 208.133.162.10 (Bridgeport-Usr1-1.nai.net [208.133.162.10])

by usa.nai.net (8.8.8/8.8.8) with SMTP id TAA13304

for <aprsnews@tapr.org>; Fri, 27 Feb 1998 19:13:20 -0500 (EST)

Message-Id: <199802280013.TAA13304@usa.nai.net>

X-Mailer: Microsoft Internet Mail & News for Macintosh - 3.0c (405)

Date: Fri, 27 Feb 1998 19:19:18 +0000

Subject: APRS813.zip is posted

From: Stan Horzepa <stanzepa@mail2.nai.net>

To: "aprsnews@tapr.org" <aprsnews@tapr.org>

Mime-version: 1.0

Content-type: text/plain; charset="us-ascii"

Content-transfer-encoding: 7bit

Sender: Bob Bruninga <bruninga@nadn.navy.mil>

Subject: APRS813.zip is posted

APRS813: Mostly WX warning improvements to where I wanted to be.

- * WX warnings now work on originators map
- * WX warnings now cease coloring at the expiration time
- * New Cmaps18.zip has all Texas and Colorado WX warnings in maps
- * Mapfix36 added LABELS-ZOOM for fixing WX warning circles ranges

APRS812

- * Improved the Ethernet capability for running multiple APRS's on LANs
Use FILE-ETHERNET command
- * Range lines are now erased as you cycle through stations on map
- * Fixed 811 auto-sort on startup and MapLock
- * Fixed F-10 DOZ error due to auto-sort after 2 hours of inactivity
- * Changed County warning labels display down one range for less clutter
- * Much improved USANWest.map moved from .WES to .maplist w counties
- * New WMaps18.zip and Mmaps19.zip includes county warning circles

APRS811 dated 7 Feb 98

- * Added new Ethernet capability for running one APRS on a LAN and feeding multiple receive sites... Contact me for details.
- * Fixed bug in 810 that would accept ALL copies of WX warnings making for a full TRAFFIC page and multiple re-draws of circles
- * WX warnings now can color States too on the USA map for example
- * WX warnings default off on CGA
- * I increased the number of map labels from 199 to 210.
- * re-arranged WX menu. New ICON-FORMAT is submenu and WInds are now in WX-DISPLAYS
- * APRS auto-sorts HEARD and POSITS list after 3 hrs of no kbrd activity
- * MAPFIX35 now does Filename paths better and TASK-TRIM and IMPORT work better on Labels
- * MAPFIX35 has new LABELS-Multiply and Divide for changing range scales
- * MAPFIX35 now defaults to saving files in the LineFormat

APRS810 dated 1/28 1998

- * Auto kill messages if FILE-PRINT-MSGS is on. This helps prevent screenfill at unattended sites, such as NWS stations.
- * Has COUNTY WX-WARNING displays. Includes PA,MD,DE,NJ,VA
- * Has new MAPFIX34 which has range rings for easy editing of County Names and Circle centers for COUNTY WX-WARNINGS
See WX.TXT and COUNTIES.TXT for details.
- * Prepared Emaps18.zip which has added all Counties to the EAST distro.
- * New MidLant.map for County warnings

From stanzepa@mail2.nai.net Fri Feb 27 18:19:23 1998

Received: from usa.nai.net (usa.nai.net [204.71.21.10]) by tapr.org

(8.7.5/8.7.3/1.9) with ESMTP id SAA06378 for <aprsnews@tapr.org>; Fri, 27 Feb 1998 18:19:22 -0600 (CST)

Received: from 208.133.162.10 (Bridgeport-Usr1-1.nai.net [208.133.162.10])

by usa.nai.net (8.8.8/8.8.8) with SMTP id TAA13325

for <aprsnews@tapr.org>; Fri, 27 Feb 1998 19:14:25 -0500 (EST)

Message-Id: <199802280014.TAA13325@usa.nai.net>

X-Mailer: Microsoft Internet Mail & News for Macintosh - 3.0c (405)

Date: Fri, 27 Feb 1998 19:20:41 +0000

Subject: New APRSDEMO (dos) released

From: Stan Horzempa <stanzepa@mail2.nai.net>

To: "aprsnews@tapr.org" <aprsnews@tapr.org>

Mime-version: 1.0

Content-type: text/plain; charset="us-ascii"

Content-transfer-encoding: 7bit

Sender: Bob Bruninga <bruninga@nadn.navy.mil>

Subject: New APRSDEMO (dos) released

Sorry for the dual post, but I forgot to post this to APRSNEWS the first time..

APRSDemo is a self running program that is perfect for running unattended at a hamfest or on display. It cycles through all the screens and overlays a description on each one. You can even write your own scripts so that you can have it automatically show and replay your own special event...

ftp it from tapr.org in the following directory:

tapr/SIG/aprssidg/files/dosstuff/APRSDos

It needs to run in an APRS directory in which APRS800 or later has already been installed. Enjoy...

Bob

From stanzepa@mail2.nai.net Fri Feb 27 18:20:34 1998
Received: from usa.nai.net (usa.nai.net [204.71.21.10]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA06472 for <aprsnews@tapr.org>; Fri, 27 Feb 1998 18:20:33 -0600 (CST)
Received: from 208.133.162.10 (Bridgeport-Usr1-1.nai.net [208.133.162.10]) by usa.nai.net (8.8.8/8.8.8) with SMTP id TAA13342 for <aprsnews@tapr.org>; Fri, 27 Feb 1998 19:15:35 -0500 (EST)
Message-Id: <199802280015.TAA13342@usa.nai.net>
X-Mailer: Microsoft Internet Mail & News for Macintosh - 3.0c (405)
Date: Fri, 27 Feb 1998 19:21:51 +0000
Subject: APRSDos central states map distribution
From: Stan Horzempa <stanzepa@mail2.nai.net>
To: "aprsnews@tapr.org" <aprsnews@tapr.org>
Mime-version: 1.0
Content-type: text/plain; charset="us-ascii"
Content-transfer-encoding: 7bit

Sender: Bob Bruninga <bruninga@nadm.navy.mil>
Subject:

Just posted my latest APRSDos central states map distribution of Cmaps19.zip which upgrades the previous maps with the County WX warning circles for Montana and Arizona.

I combined AZseast into AZstate and made AZtucson bigger. Can someone out there tell me if I used the latest or do we still have a disconnect between what I am using and what they are using?

ftp from tapr.org in the following directory:

tapr/SIG/aprssidg/files/dosstuff/APRSDos

bob

From stanzepa@mail2.nai.net Fri Mar 06 18:33:32 1998
Received: from usa.nai.net (usa.nai.net [204.71.21.10]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id SAA28857 for <aprsnews@tapr.org>; Fri, 6 Mar 1998
18:33:30 -0600 (CST)
Received: from 208.133.162.20 (Bridgeport-Usr1-11.nai.net [208.133.162.20])
by usa.nai.net (8.8.8/8.8.8) with SMTP id TAA09666
for <aprsnews@tapr.org>; Fri, 6 Mar 1998 19:27:33 -0500 (EST)
Message-Id: <199803070027.TAA09666@usa.nai.net>
X-Mailer: Microsoft Internet Mail & News for Macintosh - 3.0c (405)
Date: Fri, 06 Mar 1998 19:35:09 +0000
Subject: 10 March APRS/MIR test
From: Stan Horzepa <stanzepa@mail2.nai.net>
To: "aprsnews@tapr.org" <aprsnews@tapr.org>
Mime-version: 1.0
Content-type: text/plain; charset="us-ascii"
Content-transfer-encoding: 7bit

Sender: Bob Bruninga <bruninga@nadn.navy.mil>
Subject: 10 March APRS/MIR test

Apologies for the dual post, but this is very short fuze:

As an experiment to provide improved visibility during school tracking of MIR, the MIREX team has authorized a nationwide APRS experiment on two orbits only between 1455z to 1651z on 10 March, 1998. Anyone with a 2 meter FM radio on 145.985 and a packet TNC may participate. To allow the maximum number of successful stations the objective is for every station to successfully digipeat only ONE brief position packet per pass. Stations running APRS will see all such station Icons on their maps instantly. Stations without APRS can have students plot the positions on a paper map or wall plot. Stations with internet access can see EVERY packet live at the URL: <http://www.aprs.net/mirex.html>. (See javAPRS section below)

FORMATS: Although there are many APRS position formats, the shorter the packet, the greater the chance of success. DO NOT connect to MIR. Transmit packets as BEACONS or UI frames only without acknowledgement. If you see your own packet digipeated by MIR, then you were successful and should cease transmission during that pass. In addition to your posit and Symbol character, you may want to include a brief comment. Maybe your name or school. Here are three format examples using the Icon symbol "-" and the comment field to send the name Bob:

```
UNPROTO GGGGGG VIA R0MIR
BTEXT ]-[Bob {Grid-in-to format}
```

```
UNPROTO APRS VIA R0MIR
BTEXT !LATITUDE/LONGITUDE-Bobs House {Lat/Long format}
```

UNPROTO APRS VIA R0MIR

BTEXT @DDHHMMzLATITUDE/LONGITUDE>CSE/SPD/Bob {Mobile format}

Where GGGGGG is your 6 character Gridsquare. Make up the last two letters if you dont know them. The LAT/LONG format is in degrees and decimal minutes to Hundredths exactly as follows:

DDMM.HHN/DDMM.HHW (shown for North and West)

The Course and Speed (CSE and SPD) are exactly 3 bytes each with CSE in degrees and SPD is in knots. "-" represents your ICON symbol character from the following list:

- House QTH	+ Red Cross	v VAN
^ Aircraft (large)	; Campground	< Motorcycle
= RAILROAD Train	` Dish Antenna	> CAR
H HOTEL	K School	s Ship (boat)
M MacAPRS	N NTS Station	O BALLOON
R RECREATIONAL VEHICLE	U BUS	V ATV
X HELO	Y YACHT (sailboat)	Z WinAPRS
b BIKE	e HORSE (equestrian)	h HOSPITAL
i IOTA (island)	j JEEP	k Pickup Truck
o EOC	r ANTENNA tower	u TRUCK (18 wheels)

GENERAL SETUP: Everyone should make sure their TXDelay is a minimum for their rig. The default of 33 in most TNCs adds almost 25% of overhead to every packet. Many rigs will work with less.

SETUP WITHOUT APRS: Set the UNPROTO and BTEXT as shown above for your chosen format. Set BEACON EVERY 0 to prevent your station from transmitting until MIR is in view. Once MIR comes in view, activate your BText by setting BEACON EVERY 6. This will cause your station to transmit once a minute (6 * 10 secs) for the duration of the pass. (If you are using KANTRONICS TNC, then your minmum setting is BEACON EVERY 1 for once a minute. As SOON as you see your packet digipeated you can be sure that everyone else saw you also, and immediately set BEACON EVERY back to 0 to stop transmitting.

SETUP WITH APRSdos: APRSdos will plot all packets automatically. Move the cursor to your location and hit INPUT-MY-POS command to enter your posit and brief position comment. When MIR comes in view, hit the XMIT-POS key once every minute to force a position report packet. Set CONTROLS-FILTERS-FADE to 0 so that GRID packets will not fade to dark gray. Watch packets raw on the V-SCREEN, or on the map by hitting the SPACE bar.

SETUP WITH Mac/WIN APRS: Mac/Win will plot all packets automatically. To shorten your transmissions, enter a minimum comment field and turn off your status beacon.

SETUP FOR APRSa4: APRSa4 will plot all LAT/LONG packets and the very latest version v0.8.21 will also plot the grid-in-to format. To minimize packet length, minimize the Posit Text on the Main tab of Setup. Force a Posit packet once a minute with Ctrl-P.

javAPRS: If you have a java capable browser you can watch the event live or get more info by pointing to <http://www.aprs.net/mirex.html>. If you cannot be near a radio and you have Mac/Win/APRSa4 or APRSnet.exe then you can also telnet (TCPIP) to www.aprs.net port 23 and you will also see all packets live. Another alternate site is the main APRS page at <http://web.usna.navy.mil/~bruninga/aprs.html> and look for the LIVE pages.

TESTING: TO test prior to the event, DO NOT DIGIPEAT VIA MIR! Choose a local digipeater and substitute its callsign instead of R0MIR. Have a friend verify that he sees your position on his map. Here are the exact letter-for-letter example packets above for the position of 38 deg 59.11 Mins North
76 deg 29.12 Mins West

```
WB4APR>FM18SX,R0MIR*:]-[Bob
WB4APR>APRS,R0MIR*:!3859.11N/07629.11W-Bobs House
WB4APR>APRS,R0MIR*:@101459z3859.11N/07629.11W>123/055/Bob's car
```

Notice that the Icon Symbol must be surrounded with backward Brackets in the grid-in-to format to tell APRS to look for the posit in the TO field, and I changed the symbol to a ">" or CAR in the moving report.

MOBILES: Remember that APRS mobiles have an equal chance as everyone else since mobiles have short cable runs with low loss. But they also have nulls overhead. If you will try to work MIR mobile, place your magmount horizontal for maximum signal straight up or wherever MIR is relative to you.

UNATTENDED: If you cannot man your station, your APRS will still capture everything it hears. Be sure APRSdos CONTROLS-LOG is toggled ON. Your station may still transmit, but at only 1 packet every 20 to 30 minutes it will not cause significant QRM. Be sure to remove all outgoing messages and bulletins to minimize packets to only your POSIT. Be sure to QSY back off of 145.985 after the test.

DOWNLOADS: Get the latest APRS programs from TAPR as follows:

APRSdos: ftp://ftp.tapr.org/tapr/SIG/aprssidg/files/dosstuff/APRSdos
WinAPRS: ftp://ftp.tapr.org/tapr/SIG/aprssidg/files/winstuff/WinAPRS
APRSa4: ftp://ftp.tapr.org/tapr/SIG/aprssidg/files/winstuff/APRSa4
MacAPRS: ftp://aprs.rutgers.edu/pub/hamradio/APRS/

de Bob, WB4APR

From stanzepa@mail2.nai.net Fri Mar 27 21:44:08 1998
Received: from usa.nai.net (usa.nai.net [204.71.21.10]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id VAA07242 for <aprsnews@tapr.org>; Fri, 27 Mar 1998
21:44:07 -0600 (CST)
Received: from 208.133.162.131 (Bridgeport-Usr3-26.nai.net [208.133.162.131])
by usa.nai.net (8.8.8/8.8.8) with SMTP id WAA12428
for <aprsnews@tapr.org>; Fri, 27 Mar 1998 22:38:15 -0500 (EST)
Message-Id: <199803280338.WAA12428@usa.nai.net>
X-Mailer: Microsoft Internet Mail & News for Macintosh - 3.0c (405)
Date: Fri, 27 Mar 1998 22:44:25 -0500
Subject: WinAPRS 2.1.7
From: Stan Horzepa <stanzepa@mail2.nai.net>
To: "aprsnews@tapr.org" <aprsnews@tapr.org>
Mime-version: 1.0
Content-type: text/plain; charset="us-ascii"
Content-transfer-encoding: 7bit

From: Mark Sproul <sproul@ap.org>
To: aprssidg@tapr.org
Subject: [APRSSIG:22547] WinAPRS 2.1.7
Date: Thu, 26 Mar 1998 10:23:53 -0600 (CST)

As promised the fix for the IGate Message acking is now up on the normal
places. Nac version will be up tonight.

ALSO, SPACE mode has been added for the MIR testing.

Windows Version
Rutgers site at ftp://aprs.rutgers.edu/pub/hamradio/APRS/WinAPRS/
TAPR site at
ftp://ftp.tapr.org/tapr/SIG/aprssidg/files/winstuff/WinAPRS/

Mac Version
Rutgers site at ftp://aprs.rutgers.edu/pub/hamradio/APRS/MacAPRS/
TAPR site at
ftp://ftp.tapr.org/tapr/SIG/aprssidg/files/macstuff/MacAPRS/

MacAPRS Version 3.1.7 - March 26, 1998
WinAPRS Version 2.1.7

Fixed bug in acking messages thru an IGate
Added Space Mode for MIR testing
Minor weather improvements

Mark Sproul	Amateur Radio: KB2ICI
Software Engineer @ Assoc Press	
sproul@ap.org	Work: 609-860-7120
North Brunswick, NJ	Fax: 609-860-7129
http://msproul.rutgers.edu/	

From stanzepa@mail2.nai.net Fri Mar 27 21:45:58 1998
Received: from usa.nai.net (usa.nai.net [204.71.21.10]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id VAA07304 for <aprsnews@tapr.org>; Fri, 27 Mar 1998
21:45:57 -0600 (CST)
Received: from 208.133.162.131 (Bridgeport-Usr3-26.nai.net [208.133.162.131])
by usa.nai.net (8.8.8/8.8.8) with SMTP id WAA12450
for <aprsnews@tapr.org>; Fri, 27 Mar 1998 22:40:06 -0500 (EST)
Message-Id: <199803280340.WAA12450@usa.nai.net>
X-Mailer: Microsoft Internet Mail & News for Macintosh - 3.0c (405)
Date: Fri, 27 Mar 1998 22:46:33 -0500
Subject: MacAPRS 3.1.7 is up
From: Stan Horzepa <stanzepa@mail2.nai.net>
To: "aprsnews@tapr.org" <aprsnews@tapr.org>
Mime-version: 1.0
Content-type: text/plain; charset="us-ascii"
Content-transfer-encoding: 7bit

From: Keith Sproul <ksproul@hardees.rutgers.edu>
To: aprssig@tapr.org
Subject: [APRSSIG:22596] MacAPRS 3.1.7 is up
Date: Fri, 27 Mar 1998 15:55:56 -0600 (CST)

MacAPRS 3.1.7 is up on the APRS site and will be on TAPR soon..

There are now THREE main files

MacAPRS 3.1.7.sit.hqx Which is EVERYTHING.
This includes the MAPS, Data files, docs
And BOTH 68K and PPC versions
(This includes ALL of the files listed below)

MacAPRS 68K update 3.1.7.sit.hqx

This includes the 68k program, updated DOCs file
the APRSSERV.txt file
the altpath.txt file
the Serial Tool and TTY tool for Comm toolbox

MacAPRS PPC update 3.1.7.sit.hqx

Same as above except for the PPC

Keith Sproul

Student Housing Network Coordinator
Rutgers University Computing Services
<http://dorm.rutgers.edu/~ksproul/>

Ham Radio: WU2Z

ksproul@noc.rutgers.edu
732 445-3695 Work 732 445-2968 Fax
732 821-4828 Home

From stanzepa@mail2.nai.net Mon Mar 30 09:09:49 1998

Received: from usa.nai.net (usa.nai.net [204.71.21.10]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id JAA01371 for <aprsnews@tapr.org>; Mon, 30 Mar 1998
09:09:47 -0600 (CST)

Received: from 208.133.162.11 (Bridgeport-Usr1-2.nai.net [208.133.162.11])
by usa.nai.net (8.8.8/8.8.8) with SMTP id SAA27784
for <aprsnews@tapr.org>; Sun, 29 Mar 1998 18:31:28 -0500 (EST)

Message-Id: <199803292331.SAA27784@usa.nai.net>

X-Mailer: Microsoft Internet Mail & News for Macintosh - 3.0c (405)

Date: Sun, 29 Mar 1998 18:37:56 -0500

Subject: California TIGER maps

From: Stan Horzepa <stanzepa@mail2.nai.net>

To: "aprsnews@tapr.org" <aprsnews@tapr.org>

Mime-version: 1.0

Content-type: text/plain; charset="us-ascii"

Content-transfer-encoding: 7bit

From: Keith Sproul <ksproul@rci.rutgers.edu>

To: aprssig@tapr.org

Subject: [APRSSIG:22597] California TIGER maps

Date: Fri, 27 Mar 1998 17:13:35 -0600 (CST)

I am (as I type) putting the California TIGER maps up on the APRS ftp site.

<ftp://aprs.rutgers.edu/pub/hamradio/APRS/maps/maps1>

There are THREE files

ca-1.zip
ca-2.zip
ca-3.zip

There are a few (aprox 3) counties NOT done yet because the SOURCE data files were just to HUGE to be run on the comptuer my assistant was trying to use..

Keith Sproul	ksproul@rci.rutgers.edu	WU2Z
Student Housing Network Coordinator		732 445-3695 W
Rutgers University Computing Services		732 821-4828 H

From stanzepa@mail2.nai.net Mon Mar 30 09:09:50 1998
Received: from usa.nai.net (usa.nai.net [204.71.21.10]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA01373 for <aprsnews@tapr.org>; Mon, 30 Mar 1998 09:09:48 -0600 (CST)
Received: from 208.133.162.11 (Bridgeport-Usr1-2.nai.net [208.133.162.11]) by usa.nai.net (8.8.8/8.8.8) with SMTP id SAA27802 for <aprsnews@tapr.org>; Sun, 29 Mar 1998 18:32:00 -0500 (EST)
Message-Id: <199803292332.SAA27802@usa.nai.net>
X-Mailer: Microsoft Internet Mail & News for Macintosh - 3.0c (405)
Date: Sun, 29 Mar 1998 18:38:21 -0500
Subject: Internet Linked AMSAT Ground Stations
From: Stan Horzepa <stanzepa@mail2.nai.net>
To: "aprsnews@tapr.org" <aprsnews@tapr.org>
Mime-version: 1.0
Content-type: text/plain; charset="us-ascii"
Content-transfer-encoding: 7bit

From: Bob Bruninga <bruninga@nadm.navy.mil>
To: aprssig@tapr.org
Subject: [APRSSIG:22578] Internet Linked AMSAT Ground Stations
Date: Fri, 27 Mar 1998 09:06:27 -0600 (CST)

We are building a network of linked ground stations to provide almost continuous coverage for some of the Amateur Satellites. The idea is that these stations use only OMNI antennas and operate unattended 24 hours a day worldwide and are linked by the internet so that any packets heard by ANY station are all merged together into a single

internet stream of raw packets for everyone. This allows the satellite operators to manage their satellites by monitoring their downlink even when they are out of range of their own station. It also lets hams on one continent see how the same satellite is used over the other continents.

The internet side of this capability written by K4HG is working fine and has been on line for more than a year. It has demonstrated being able to handle over 2 dozen simultaneous 1200 baud packet feeds and at least 150 simultaneous users without even a slow down. This example system is the worldwide APRS server. To see its raw packets, TELNET to 199.227.86.221 port 23.

Steve is now building another system JUST for Amateur satellites. It is temporarily on 199.227.86.221 port 10001. Here is what we need:

- * Good dedicated and knowledgeable stations with dedicated 24 hour internet access. One per footprint, per band, per satellite. All you need is a minimum dumb-terminal TELNET access and any DOS machine or, any TCPIP Internet service and WIndows or Mac.
- * Dialup access is OK if you want to bother with having to man-up for every pass. This is fine for special SAREX events, etc.

At this early stage, we do have one site on the USA east coast (The Naval Academy) that is feeding MIR packets to its own WEB page and to the Miami server. Its WEB page captures the last days worth of packets from each pass of MIR. (OOPS, last night we did not have MCOM on, so it only captured UI frames and not all the other CONNECT-REQUEST/BUSY packets)

<http://web.usna.navy.mil/~bruninga/mirex.html>

SAREX and MIREX are the easiest. Next would be DOVE when it comes back to life. The 1200 baud pacsats are IDEAL but require automatic control software to acquire unattended. This is where we really need the AMSAT expertise. We will have to gradually ease into the 9600 baud pacsats, however, due to their verbosity...

A few stations have already responded and are looking into setting up stations in Mexico, Chicago, Taiwan, and Madrid. If you are interested in setting up such a ground station, please check out the web page and/or the raw TNC stream.

You may feel that omni antennas are not sufficient, but remember, each station does not need to see all packets horizon to horizon. It is not important that each station hear every packet, what counts is that at least ONE station out of the SUM of all stations heard the packet at least once. Then EVERYONE gets it via the internet link.

Steve's central server removes all dupes.

This greatly simplifies the demands on each station individually.
No complex antenna tracking and wear and tear on mechanical systems.
Using only OMNI antennas cuts the usable footprint per station in
about half (6 dB), but all that means is that we need 6 stations
in the whole USA instead of just 2. Still quite easy to do...

Lots of potential here folks...

de WB4APR (bob)
and K4HG (steve)

From stanzepa@mail2.nai.net Mon Mar 30 21:05:23 1998
Received: from usa.nai.net (usa.nai.net [204.71.21.10]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id VAA05095 for <aprsnews@tapr.org>; Mon, 30 Mar 1998
21:05:22 -0600 (CST)
Received: from 208.133.162.91 (Bridgeport-Usr2-34.nai.net [208.133.162.91])
by usa.nai.net (8.8.8/8.8.8) with SMTP id VAA08517
for <aprsnews@tapr.org>; Mon, 30 Mar 1998 21:59:39 -0500 (EST)
Message-Id: <199803310259.VAA08517@usa.nai.net>
X-Mailer: Microsoft Internet Mail & News for Macintosh - 3.0c (405)
Date: Mon, 30 Mar 1998 22:03:22 +0000
Subject: APRS814
From: Stan Horzepa <stanzepa@mail2.nai.net>
To: "aprsnews@tapr.org" <aprsnews@tapr.org>
Mime-version: 1.0
Content-type: text/plain; charset="us-ascii"
Content-transfer-encoding: 7bit

Sender: Bob Bruninga <bruninga@nadm.navy.mil>
Subject: APRS814

1) The latest APRSdos 814 has been posted at the usual ftp from tapr.org
in the following directory:

tapr/SIG/aprssiG/files/dosstuff/APRSdos

Changes include colored map labels, improved SPACE mode for the upcoming
APRS/MIR/SCHOOL test in Late April, and a "JUST-XXXX" command for
searching just about anything on the digipeater path page... Useful for
seeing who is on TCPIP... etc.

2) ALSO i now have a MIR WEB page that shows you LIVE mir passes and also
retains the last 8 passes for your review... at any time...

LIVE MIR web PAGE: <http://web.usna.navy.mil/~bruninga/mirex.html>

3) We are looking for others with good TELNET connectivity to set up MIR and other satellite receivers to join our worldwide real-time AMSAT tracking network.

4) As noted above, next APRS/MIR/SCHOOL test may be 27 April... But uplink will be limited to ANY schools with APRS. If you can associate with a school, start making plans! Over 100 stations were successful (Out of 104 that tried) during the last test...

de WB4APR

From stanzepa@mail2.nai.net Tue Apr 14 21:19:25 1998
Received: from mail2.nai.net (mail2.nai.net [208.133.174.66]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id VAA03382 for <aprsnews@tapr.org>; Tue, 14 Apr 1998
21:19:24 -0500 (CDT)
Received: from 209.150.33.33 (ct-hartford-us618.javanet.com [209.150.33.33])
by mail2.nai.net (8.8.8/8.8.8) with SMTP id WAA15185
for <aprsnews@tapr.org>; Tue, 14 Apr 1998 22:24:03 -0400 (EDT)
Message-Id: <199804150224.WAA15185@mail2.nai.net>
X-Mailer: Microsoft Internet Mail & News for Macintosh - 3.0c (405)
Date: Tue, 14 Apr 1998 22:19:19 +0000
Subject: School Day test via MIR on 27 April
From: Stan Horzepa <stanzepa@mail2.nai.net>
To: "aprsnews@tapr.org" <aprsnews@tapr.org>
Mime-version: 1.0
Content-type: text/plain; charset="us-ascii"
Content-transfer-encoding: 7bit

Dr. Larsen of the MIREX team has announced a special MIR School Day communications test on 27 April between 1000 UTC and 2300 UTC. The purpose of the test is to let as many schools as possible communicate their position and brief message via MIR. To date, there are about 30 schools signed up, with only seven being outside of the USA.

As was demonstrated during the 11 March test, as many as 50 schools in a single footprint can probably participate and still have an excellent chance of being seen. If you can set up your TNC, and modest 2m FM radio to an omni antenna at a school, then you are welcome to participate. For details, see the previous announcements on the subject, or browse <http://web.usna.navy.mil/~bruninga/mirex.html>

de WB4APR

From stanzepa@mail2.nai.net Wed Apr 15 18:37:05 1998
Received: from mail2.nai.net (mail2.nai.net [208.133.174.66]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id SAA10427 for <aprsnews@tapr.org>; Wed, 15 Apr 1998
18:37:04 -0500 (CDT)
Received: from 209.150.34.36 (ct-hartford-us1121.javanet.com [209.150.34.36])
by mail2.nai.net (8.8.8/8.8.8) with SMTP id TAA29854
for <aprsnews@tapr.org>; Wed, 15 Apr 1998 19:41:51 -0400 (EDT)
Message-Id: <199804152341.TAA29854@mail2.nai.net>
X-Mailer: Microsoft Internet Mail & News for Macintosh - 3.0c (405)
Date: Wed, 15 Apr 1998 19:36:45 +0000
Subject: APRS+SA v0.9.01
From: Stan Horzepa <stanzepa@mail2.nai.net>
To: "aprsnews@tapr.org" <aprsnews@tapr.org>

Mime-version: 1.0
Content-type: text/plain; charset="us-ascii"
Content-transfer-encoding: 7bit

All 0.9.00 users should update to v0.9.01. This requires downloading a revised EXE also. So you need to download both aprsplus1.zip and aprsplus2.zip. This fixes several problems, mostly related to the use of the Internet. I have actually gone back to the Internet code I had in versions prior to 0.9.00. This is because the tools used to build 0.9.00 appear to be just too unreliable. So here is a summary of what has changed:

- 1) Replaced EXE with 0901 using old Internet tools
- 2) Popup message stating the program is unregistered, only appears at program startup. Unregistered versions will not save any configuration information. Registered versions save it automatically, and supports multiple configurations.

Fixes:

- 1) Right click on Lists on Lists page of setup now works with WinNT!! (an obscure typo)

PLEASE, EVERYONE USING 0.9.00, update your copy to 0.9.01 as soon as possible.

..

Use the URL below to follow the links to the new location at TAPR for the files.

Brent Hildebrand

APRS+SA v0.9.01
<http://www.tapr.org/~kh2z/APRSPLUS>

From stanzepa@mail2.nai.net Fri Apr 17 19:10:02 1998
Received: from mail2.nai.net (mail2.nai.net [208.133.174.66]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA23194 for <aprsnews@tapr.org>; Fri, 17 Apr 1998 19:10:01 -0500 (CDT)
Received: from 209.150.33.230 (ct-hartford-us1023.javanet.com [209.150.33.230]) by mail2.nai.net (8.8.8/8.8.8) with SMTP id UAA22701 for <aprsnews@tapr.org>; Fri, 17 Apr 1998 20:15:10 -0400 (EDT)
Message-Id: <199804180015.UAA22701@mail2.nai.net>
X-Mailer: Microsoft Internet Mail & News for Macintosh - 3.0c (405)
Date: Fri, 17 Apr 1998 20:10:25 +0000
Subject: MIREX School Day test 27 April

From: Stan Horzepa <stanzepa@mail2.nai.net>
To: "aprsnews@tapr.org" <aprsnews@tapr.org>
Mime-version: 1.0
Content-type: text/plain; charset="us-ascii"
Content-transfer-encoding: 7bit

Due to the small number of schools outside of the USA that have indicated they will participate on 27 April, MIREX President Dr. Larson has indicated that overseas, outside of the USA, other amateur home stations are also welcome to participate in the demonstration.

The purpose of the experiment is to use the MIREX packet station on MIR to relay UI communication packets between schools. Stations running the MIRMOM.exe program or any of the versions of APRS (in the space mode) will capture these packets and display all ground station locations on the map as well as BULLETINS and MESSAGES between stations. For more information or to download MIRMOM.ZIP, go to:

<http://web.usna.navy.mil/~bruninga/mirex.html>

de WB4APR

From stanzepa@mail2.nai.net Tue Apr 21 21:29:17 1998
Received: from mail2.nai.net (mail2.nai.net [208.133.174.66]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA26314 for <aprsnews@tapr.org>; Tue, 21 Apr 1998 21:29:15 -0500 (CDT)
Received: from 209.150.33.237 (ct-hartford-us1030.javanet.com [209.150.33.237]) by mail2.nai.net (8.8.8/8.8.8) with SMTP id WAA21517 for <aprsnews@tapr.org>; Tue, 21 Apr 1998 22:29:14 -0400 (EDT)
Message-Id: <199804220229.WAA21517@mail2.nai.net>
X-Mailer: Microsoft Internet Mail & News for Macintosh - 3.0c (405)
Date: Tue, 21 Apr 1998 22:29:35 +0000
Subject: April 27 MIREX experiment
From: Stan Horzepa <stanzepa@mail2.nai.net>
To: "aprsnews@tapr.org" <aprsnews@tapr.org>
Mime-version: 1.0
Content-type: text/plain; charset="us-ascii"
Content-transfer-encoding: 7bit

Sender: Bob Bruninga <bruninga@nadn.navy.mil>
Subject: April 27 MIREX experiment

There are about 40 schools signed up for the test. Since MIREX has authorized APRS packets for most passes that day between 1000 and 2300 UTC, and since we demonstrated last time that more than 30 stations per

footprint can be successful, there is room for a few more experimenters. Especially overseas.

BUT to keep from saturating the channel, we must be SELECTIVE. Here is the new criteria:

You may transmit your UI position via MIR on 27 April if you meet the following categories. All other procedures remain the same as posted on the web page: <http://web.usna.navy.mil/~bruninga/mirex.html>

- SCHOOLS or other Youth Groups
- ALL non-North American stations
- TRAINS
- Boats
- Aircraft
- BackPack portable... running on battery power.. Use runner symbol.
or Campground.

Send Email to me so we can maintain a count. Watch for any last minute instructions on your MIRMOM or APRS Bulletin page on the 27th.

CAUTION: Do not send any conventional traffic to the MIR Crew via the BBS regarding this experiment. They do not have MIRMOM or APRS software on board and are not familiar with the test. They are being informed via MIREX. ANY other random uplinked BBS messages may confuse them.

de WB4APR, Bob

From stanzepa@mail2.nai.net Wed Apr 22 20:07:47 1998
Received: from mail2.nai.net (mail2.nai.net [208.133.174.66]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA27691 for <aprsnews@tapr.org>; Wed, 22 Apr 1998 20:07:46 -0500 (CDT)
Received: from 209.150.34.49 (ct-hartford-us1134.javanet.com [209.150.34.49]) by mail2.nai.net (8.8.8/8.8.8) with SMTP id VAA17996 for <aprsnews@tapr.org>; Wed, 22 Apr 1998 21:07:58 -0400 (EDT)
Message-Id: <199804230107.VAA17996@mail2.nai.net>
X-Mailer: Microsoft Internet Mail & News for Macintosh - 3.0c (405)
Date: Wed, 22 Apr 1998 21:08:32 +0000
Subject: APRS+SA v0.9.02 has been posted
From: Stan Horzepa <stanzepa@mail2.nai.net>
To: "aprsnews@tapr.org" <aprsnews@tapr.org>
Mime-version: 1.0
Content-type: text/plain; charset="us-ascii"
Content-transfer-encoding: 7bit

From: "B. Hildebrand" <bhildebrand@worldnet.att.net>
To: aprssig@tapr.org
Subject: [APRSSIG:23410] APRS+SA v0.9.02 has been posted
Date: Wed, 22 Apr 1998 16:18:18 -0500 (CDT)

ALL V0.9 users should update to V0.9.02

April 22, 1998

APRS+SA v0.9.02 Release Notes:

Fixes

1) Decoding of NMEA data structures corrected for NULL data. This bug caused errors in the decoded data structure which could cause SA4/SA5 to abnormally terminate. If you have been using v0.9.00 or v0.9.01, you may have data that has been parsed incorrectly. You may need to delete any data that is causing errors with map generation. Clearing all position data should correct this after starting v0.9.02

Experimental:

1) I have included a bitmap, USA2.BMP used on the "USA" page. This bitmap covers the lower 48 states. It shows the relative position of position reports. The bitmap is scalable. Resizing the main window will cause the bitmap to re-scale. Right click on the bitmap for a popup menu. In theory other bitmaps can be used in place of my included USA bitmap. I have not provided users any way to substitute bitmaps and calibrate them. This page may be changed in future releases or removed entirely. Your comments are welcome.

If you are using v0.9.01, to update your copy, you need to download only aprsplus2.zip.

<ftp://www.tapr.org/tapr/SIG/aprssiG/files/winstuff/APRSPLUS/aprsplus2.zip>

All others must download both aprsplus1.zip and aprsplus2.zip

<ftp://www.tapr.org/tapr/SIG/aprssiG/files/winstuff/APRSPLUS>

Brent Hildebrand, KH2Z

APRS+SA v0.9.02

<http://www.tapr.org/~kh2z/APRSPLUS>

Waypoint+ v1.7.05

<http://www.tapr.org/~kh2z/Waypoint/>

From stanzepa@mail2.nai.net Sat Apr 25 12:32:42 1998
Received: from mail2.nai.net (mail2.nai.net [208.133.174.66]) by tapr.org

(8.7.5/8.7.3/1.9) with ESMTP id MAA24618 for <aprsnews@tapr.org>; Sat, 25 Apr 1998 12:32:24 -0500 (CDT)

Received: from 209.150.35.107 (ct-hartford-us1744.javanet.com [209.150.35.107])

by mail2.nai.net (8.8.8/8.8.8) with SMTP id NAA28205

for <aprsnews@tapr.org>; Sat, 25 Apr 1998 13:32:45 -0400 (EDT)

Message-Id: <199804251732.NAA28205@mail2.nai.net>

X-Mailer: Microsoft Internet Mail & News for Macintosh - 3.0c (405)

Date: Sat, 25 Apr 1998 13:33:03 +0000

Subject: New 100K Cd mapping code - mk100kv4

From: Stan Horzempa <stanzepa@mail2.nai.net>

To: "aprsnews@tapr.org" <aprsnews@tapr.org>

Mime-version: 1.0

Content-type: text/plain; charset="us-ascii"

Content-transfer-encoding: 7bit

From: Jack Cavanagh <cjcav@earthlink.net>

To: aprssig@tapr.org

Subject: [APRSSIG:23459] New 100K Cd mapping code - mk100kv4

Date: Thu, 23 Apr 1998 19:07:26 -0500 (CDT)

Greeting map makers

MK100kv4 has been posted to the tapr fpt site. Look for it soon:

<ftp://ftp.tapr.org/tapr/SIG/aprssiG/files/dosstuff/DOSmisc/mk100kv4.zip>

Version 4 of code for making APRS maps from the USGS 1:100,000 DLG CD contains several improvements. Special thanks go to Jack Swift, N8WAV, my #1 beta tester. Jack continues to make suggestions and even write code. However, I have decided to release Version 4 and continue to work with Jack.

New stuff:

- Improved joining of the short CD road segments. The staircase effect with city blocks is gone. More segments are joined into one contiguous line. Chaining process is also much faster. However, the real benefit comes with MAPFIX which can now reduce a city street to just two points if it is really straight. Sorry Boston

- Improved map accuracy. Some small errors accumulated and led to 200 yd or so errors. This has been fixed.

- Improved user interface especially in the explanation of the level of map detail options. Jack Swift has more ideas in this area to give the user more options.

- Capture of the start or end points of lines starting or ending off the map. This eliminates the need for overlap which is now

a user option defaulting to none.

- Increased maximum map size for mac/winAPRS map makers. Actual size will vary but should be around 30,000 points. Remember, if you go over 18,000 points mapfix will freeze.

--

Jack Cavanagh, KB4XF

Falmouth, Virginia FM18gh

aka: AAT3GZ/SMD AAA3VA

OM of Carolyn, AC4SK/AAR3GG/AAM3VA

<cjcav@earthlink.net>

From wd5ivd@tapr.org Sat May 02 10:56:41 1998
Received: from [207.8.125.50] (greg-jones-pc1.customer.jump.net [207.8.125.50]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA03041; Sat, 2 May 1998 10:56:23 -0500 (CDT)
Message-Id: <v04003a02b170efeb4e04@[207.8.125.50]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sat, 2 May 1998 10:54:47 -0500
To: "HF SIG list mailing"<hfsig@tapr.org>, " Spread Spectrum "<ss@tapr.org>, " TAPR/AMSAT DSP "<dsp@tapr.org>," APRS SIG list mailing"<aprssig@tapr.org>," NETSIG list mailing"<netsig@tapr.org>," BBS SIG list mailing"<bbssig@tapr.org>," tacgps "<tacgps@tapr.org>, aprsnews@tapr.org, mic-e@tapr.org, TAPR Regional Freq <regional_freq@tapr.org>
From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Subject: Dayton 1998 TAPR Digital Forum and Pack*Bash

Dayton 1998 TAPR Digital Forum and PACK*BASH

Dayton Hamvention will be here later this month. Just as a reminder, the TAPR Digital Forum is on Friday and this year starts much earlier than in years past. In addition, the PacketBASH banquet will be held on Friday night.

If you haven't been to Dayton before, you should think about coming this year. The dates for this year are May 15th - 17th. Check out the web page <http://www.tapr.org/tapr/html/dayton.html> for any last minute changes in the schedule.

The schedule for the TAPR digital forum on Friday is:

10:00 - 10:05am (5 min)

Introduction to Forum
John Ackermann, N8UR

10:05 - 10:25am (20 min)

TAPR Kit/Project/Organizational Update - Greg Jones , WD5IVD
TAPR Update and discussion on current activities.

10:25 - 10:45am (20 min)

Regulatory Issues - Dewayne Hendricks, WA8DZP
Update on Regulatory Issues related to Digital activity.

10:45 - 11:30am (45 min)

TAPR 900Mhz FHSS Radio Project

Tom McDermott, N5EG / Greg Jones, WD5IVD
Latest Information on Status and design of 900Mhz FHSS Radio Design.

11:30 - 12:15pm (45 min)

GPS Projects - Steve Bible, N7HPR / Tom Clark, W3IWI
TAPR has introduced several GPS related items in the last year.
DGPS, GPS Interface boards, TAC-2, Future TOC add-on, etc

12:15 - 12:30pm (15 min)

Break

12:30 - 1:00pm (30 min)

Linux AX.25 - John Ackermann, N8UR
Making AX.25 play on Linux

1:00pm - 1:45pm (60 min)

APRS SIG and APRS Update
Stan Horzepa, WA1LOU, APRS SIG Chair with the APRS Authors
SIG meeting discussing current and future activities in APRS.

PACK*BASH and TAPR Banquet

Attending the 1998 Dayton Hamvention? Then don't miss out on PACK*BASH and TAPR Banquet.

What?

An event for the digitally-inclined ham, featuring:

- * Buffet dinner
- * Speaker Doug McKinney, KC3RL
discussing GPS and his Bouy projects in the Pacific
- * TAPR special interest group meetings
- * Prize Drawing!

When?

Friday evening, May 15, 1998
Doors open at 7:00 pm; dinner served at 7:30 pm
Speaker and meetings after dinner

Where?

NCR "Sugarcamp" Conference Center, 101 W. Schantz Ave. --
South of downtown Dayton, just west of Main St. (Rt 48).
Maps available on the TAPR web site or at the TAPR booth.
(<http://www.tapr.org/tapr/html/dayton.html>)

How?

Dinner requires advance registration and payment through TAPR. Tickets will be available at the TAPR booth on Friday, though we strongly encourage registration <before> Hamvention. The cost is \$20.00 per person, tax and tip included.

All amateurs are welcome to attend, enjoy the speaker, and participate in the meetings, although only those purchasing a dinner can eat.

To register, contact:

PACK*BASH
c/o TAPR
8987-309 E. Tanque Verde Road #337
Tucson, AZ 85749-9399

Phone: (940) 383-0000
Fax: (940) 566-2544
Internet: tapr@tapr.org

Visa/Mastercard Accepted

Who?

PACK*BASH is co-sponsored by TAPR -- Tucson Amateur Packet Radio, the national leader in digital communication -- and the Miami Valley FM Association, Dayton's packet radio club.

For more information (including maps), go to <http://www.tapr.org/tapr/html/dayton.html>, or send e-mail to tapr@tapr.org. You can request information via packet radio at BASH@N8ACV.#DAY.OH.USA.NOAM.

Tucson Amateur Packet Radio

8987-309 E Tanque Verde Rd #337 * Tucson, Az * 85749-9399

e-mail: tapr@tapr.org web: <<http://www.tapr.org/>>

ftp: [ftp.tapr.org](ftp://ftp.tapr.org)

phone: 940-383-0000 fax: 940-565-2544

From stanzepa@mail2.nai.net Sat May 02 23:30:55 1998

Received: from mail2.nai.net (mail2.nai.net [208.133.174.66]) by tapr.org

(8.7.5/8.7.3/1.9) with ESMTP id XAA05516 for <aprsnews@tapr.org>; Sat, 2 May 1998

23:30:54 -0500 (CDT)

Received: from 209.150.34.15 (ct-hartford-us1100.javanet.com [209.150.34.15])
by mail2.nai.net (8.8.8/8.8.8) with SMTP id AAA12663

for <aprsnews@tapr.org>; Sun, 3 May 1998 00:32:46 -0400 (EDT)

Message-Id: <199805030432.AAA12663@mail2.nai.net>

X-Mailer: Microsoft Internet Mail & News for Macintosh - 3.0c (405)

Date: Sun, 03 May 1998 00:31:57 +0000

Subject: Dayton 1998 TAPR Digital Forum and Pack*Bash

From: Stan Horzepa <stanzepa@mail2.nai.net>

To: "aprsnews@tapr.org" <aprsnews@tapr.org>

Mime-version: 1.0

Content-type: text/plain; charset="us-ascii"

Content-transfer-encoding: 7bit

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>

To: aprsnews@tapr.org

Subject: [APRSNEWS:96] Dayton 1998 TAPR Digital Forum and Pack*Bash

Date: Sat, 2 May 1998 11:02:02 -0500 (CDT)

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Fax: (940) 566-2544
Internet: tapr@tapr.org

Visa/Mastercard Accepted

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Tucson Amateur Packet Radio

8987-309 E Tanque Verde Rd #337 * Tucson, Az * 85749-9399

e-mail: tapr@tapr.org web: <<http://www.tapr.org/>>
ftp: [ftp.tapr.org](ftp://ftp.tapr.org)
phone: 940-383-0000 fax: 940-565-2544

From stanzepa@mail2.nai.net Thu May 07 19:11:09 1998
Received: from mail2.nai.net (mail2.nai.net [208.133.174.66]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id TAA20891 for <aprsnews@tapr.org>; Thu, 7 May 1998
19:11:08 -0500 (CDT)
Received: from 209.150.32.27 (ct-hartford-us112.javanet.com [209.150.32.27])
by mail2.nai.net (8.8.8/8.8.8) with SMTP id UAA23551
for <aprsnews@tapr.org>; Thu, 7 May 1998 20:13:38 -0400 (EDT)
Message-Id: <199805080013.UAA23551@mail2.nai.net>
X-Mailer: Microsoft Internet Mail & News for Macintosh - 3.0c (405)
Date: Thu, 07 May 1998 20:12:24 +0000
Subject: APRS815.zip now posted
From: Stan Horzepa <stanzepa@mail2.nai.net>
To: "aprsnews@tapr.org" <aprsnews@tapr.org>
Mime-version: 1.0
Content-type: text/plain; charset="us-ascii"
Content-transfer-encoding: 7bit

Sender: Bob Bruninga <bruninga@nadn.navy.mil>
Subject: APRS815.zip now posted

No real biggies, just an accumulation of minor tweaks. File is posted
as APRS815.ZIP or 800to815.ZIP if you already have an 800 version.

ftp from tapr.org in the following directory:

tapr/SIG/aprssidg/files/dosstuff/APRSDos

Be sure to unzip them using PKUNZIP -d to get the right directory
structure.. Here are the main things that are new:

APRS815

- * Doubled init speed for all TNC types except PacComm
- * User specified Map Label colors (too many complaints about blue)
- * New WheelChair symbol
- * Testing new CAP Search and Rescue grid to 1/4 mile grids
- * GPSxyz trackers are now included in SPECIAL and ALT-NET modes
- * Testing ability to overlay letters on WX stations (blue) or use these
specials to make it green: 1= WIDE, 2 = TRACE, 3 = WIDEn-N
- * now filter out ALL linefeeds to keep map from scrolling
- * Disable HSP on VIEW screen which used to never un-switch
- * Maplist recommendation no longer made if using special maplist
- * Modified the Header on 3rd party message format to hold complete path
- * New MAPFIX37 Fixes long standing bug in all MAPFIXES that lost end
points when doing a TASK-IMPORT from a LINE-COMPRESSED Map

Do NOT use any earlier version of MAPFIX if you use the command
TASK-IMPORT beacsue you will loose the end point of each feature imported.

bob

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: <http://web.usna.navy.mil/~bruninga/dayton.html>
See Maryland APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
See GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

From stanzepa@mail2.nai.net Thu May 28 19:33:46 1998
Received: from mail2.nai.net (mail2.nai.net [208.133.174.66]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id TAA14490 for <aprsnews@tapr.org>; Thu, 28 May 1998
19:33:44 -0500 (CDT)
Received: from 209.150.36.95 (ct-hartford-us2232.javanet.com [209.150.36.95])
by mail2.nai.net (8.8.8/8.8.8) with SMTP id UAA05203
for <aprsnews@tapr.org>; Thu, 28 May 1998 20:35:10 -0400 (EDT)
Message-ID: <356E0266.24E0@ct2.nai.net>
Date: Thu, 28 May 1998 20:34:02 -0400
From: Stan Horzepa <stanzepa@mail2.nai.net>
Reply-To: stanzepa@mail2.nai.net
X-Mailer: Mozilla 3.04Gold (Macintosh; I; PPC)
MIME-Version: 1.0
To: aprsnews@tapr.org
Subject: APRSdos TRACK HISTORIES bug
Content-Type: multipart/mixed; boundary="-----6DC617615ED"

Sender: Bob Bruninga <bruninga@nadn.navy.mil>
Subject: APRSdos TRACK HISTORIES bug

I found it! Yes, the latest versions will not save new posits to the .HST
file unless the difference in position between posits is more than 2.4
miles! I don't know how far back this goes, but it is certainly a problem in
815.

Reason is, I changed a routine from degrees/minutes to degrees and so the
previous SA filter which was to the nearest .04 MINUTE (mile) now became
60 times bigger or 2.4 miles!

This will be fixed in the next release very soon. But if you are doing
something critical and need to save a track history, either

- 1) revert to a prior version
- 2) toggle CONTROLS-FILTERS-POSFILTER to PFilter=30 feet (which will
lessen the effect of this bug to where it will save posits within
.3 miles of each other. Still not like the old 80 yard filter

but better...

-----6DC617615ED--

From wd5ivd@tapr.org Sun May 31 14:22:54 1998
Received: from [207.8.125.50] (greg-jones-pc1.customer.jump.net [207.8.125.50]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA17017; Sun, 31 May 1998 14:22:26 -0500 (CDT)
Message-Id: <v04003a01b1975b5f40bd@[207.8.125.50]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 31 May 1998 14:10:14 -0500
To: "HF SIG list mailing"<hfsig@tapr.org>, " Spread Spectrum "<ss@tapr.org>, " TAPR/AMSAT DSP "<dsp@tapr.org>, "APRS SIG list mailing"<aprssig@tapr.org>, "NETSIG list mailing"<netsig@tapr.org>, "BBS SIG list mailing"<bbssig@tapr.org>, " tacgps "<tacgps@tapr.org>, aprsnews@tapr.org, mic-e@tapr.org, TAPR Regional Freq <regional_freq@tapr.org>
From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Subject: 1998 ARRL and TAPR Digital Communications Conference

1998 ARRL and TAPR Digital Communications Conference
September 25-27, 1998
Chicago, Illinois (minutes from O'Hare Airport)

Web: <http://www.tapr.org/dcc>

It's that time again! Mark your calendar and think about what to publish for the upcoming 17th Annual ARRL and TAPR Digital Communications Conference. This is the third year in which the ARRL Digital Communications Conference and TAPR Annual General Meeting are joined into one conference!

The ARRL and TAPR Digital Communications Conference is an international forum for radio amateurs in digital communications, networking, and related technologies, who meet, publish their work, and present new ideas and techniques for discussion. Presenters and attendees have the opportunity to exchange ideas and learn about recent hardware and software advances, theories, experimental results, and practical applications. The Digital Communications Conference is not just for the digital expert, but for digitally-oriented amateurs at all levels of expertise.

The 1998 ARRL and TAPR Digital Communications Conference will be held

September 25-27, 1998, in Chicago, Illinois. This year's conference location is the Holiday Inn Rolling Meadows, just minutes from O'Hare Airport.

Not only is the Digital Communications Conference technically stimulating, it is a weekend of fun for all who have more than a casual interest in any of the ham digital communications modes. This includes APRS operators, digital networks, software writers, modem designers, and digital satellite enthusiasts. The ARRL and TAPR Digital Communications Conference is for all levels of digital operators -- a must conference to attend to become active on a national level. Now, more than ever, amateur radio needs this great meeting of the minds because it is important that we demonstrate a continued need for the frequency allocations we have by pushing forward and documenting our achievements. The ARRL and TAPR Digital Communications Conference is one of the few ways to record our accomplishments and challenge each other to do more.

A Conference for the Beginner, Too

The conference is not just for the digital expert. This year's conference again provides multiple session tracks for beginning, intermediate, and advanced presentations on selected topics in digital communications. Topics will include APRS, satellite communications, TCP/IP, digital radio, Spread Spectrum, and many others. Come to the conference and hear these topics presented by the experts! Don't miss this opportunity to listen and talk to others in these areas.

Symposia and Seminars

In addition to the presentation of papers on Saturday, three symposia/seminars will be held. These sessions are provided to allow those with additional time and interest to make the most of the Digital Communications Conference. For those who may have interest in just one symposium or seminar, registration for the conference is not required to attend these activities. This allows maximum flexibility for those who may want to participate during the Digital Communications Conference, but do not have an entire weekend to devote to the event.

The Second APRS National Symposium will be held on Friday and will be moderated by Steve Dimse, K4HG (the developer of javAPRS). It will likely include many APRS software authors, such as Bob Bruninga, WB4APR (the father of APRS), Keith Sproul, WU2Z, Mark Sproul, KB2ICI (the developers of MacAPRS and WinAPRS), Brent Hildebrand, KH2Z (the developer of APRSPPLUS), and other nationally-known APRS leaders. Join this group for the afternoon

and evening for in-depth discussions and presentations on the current and future status of APRS. This is a unique opportunity to gain insight into this fast-growing digital aspect of amateur operations that combines computers, packet radio, and GPS (Global Positioning System).

Starting late Friday afternoon, a half-day seminar titled "Infrastructureless Technologies in Amateur Radio," presented by Don Lemke, WB9MJN, will cover the pros and cons of DDMA (directivity division multiple access, a proposed infrastructureless technique) versus hubbed (cellular style) and other infrastructure dependant techniques, the basic problem of megabaud rate communications into the ham QTH, and some techniques for channel-area acquisition including full duplex/asynchronous versus simplex/synchronous radio/acquisition concepts. This seminar will start late enough on Friday afternoon to allow those flying that day to attend the seminar.

The Sunday morning seminar will be a combination of two different talks that will make one excellent seminar. The first presentation, by Lyle Johnson, WA7GXD, will focus on the upcoming RUDAK digital communications system scheduled to fly on the AMSAT Phase 3D satellite in the near future. Lyle will discuss features, systems design, integration, and experiments. The goal of the presentation is to zero in on the communications capabilities of RUDAK, the performance to be expected from the 153k6 PSK system, the limitations and capacities of the DSP modems, user requirements for receiving RUDAK, requirements for transmitting to RUDAK, and how amateurs can work to make ground operations a reality once the satellite is in operation. Information on how to submit a proposal for experimental time on RUDAK will be presented. The second presentation will be by Tim Shepard, KD1KY, regarding "Packet Radio Networks with Millions or Billions of Stations." This talk will present concepts and materials that make you think about different possibilities of networking in the future. Both Lyle's and Tim's presentations focus on different aspects of future digital communications possibilities.

Third Annual ARRL and TAPR DCC Student Papers Award

ARRL and TAPR especially welcome papers from full-time students to compete for the third annual student papers award. Two \$500 travel awards may be given, one in each of the following categories: a) best technical/theory-oriented paper by a student, and b) best educational or community-oriented application paper by a student. The paper should relate directly to a wireless digital communication topic (see the guidelines for more information). Papers co-authored by educators or telecommunications professionals are also eligible for this award as long as a student is the first author. The deadline for receipt of finished student paper manuscript is June 20, 1998. Please note that this deadline is different

from the general conference paper submission date. For full details and paper guidelines contact TAPR or browse to <http://www.tapr.org/dcc>.

Call for Conference Proceeding Papers

Anyone interested in digital communications is invited to submit a paper for publication in the Conference Proceedings. Presentation at the conference is not required for publication. The primary purpose of the conference is to communicate ideas and techniques regarding digital communications. Papers written in an informal style are welcome, as well as those written to academic standards. If you know of someone who is doing great things with digital communications, be sure to tell them about this! Papers are due by August 15, 1998, and should be submitted to Maty Weinberg, ARRL, 225 Main Street, Newington, CT 06111, or via e-mail to lweinberg@arrl.org. The paper submission guidelines are available on-line (<http://www.tapr.org/dcc>).

Local/International Co-Host

The 1998 ARRL and TAPR Digital Communications Conference will be co-hosted by Chicago Amateur Packet Radio Association (CAPRA). CAPRA is one of the oldest packet radio groups in the US. It focuses on education about amateur packet radio, coordination of joint efforts of hams interested in packet radio, and technical and equipment support for a sound packet network in the Chicago area. They have had high-speed packet networks operational since the mid-1980s. Visit the CAPRA Web site at <http://www.imaxx.net/capra> for more information.

PRUG (Packet Radio User Group of Japan) will be the first International co-host of the ARRL and TAPR Digital Communications Conference. The conference is proud to welcome PRUG as part of the conference. PRUG will be hosting an informal social Friday evening after the seminar and symposium are completed. Visit <http://www.prug.or.jp> for more information about the organization.

What can you expect during the 1998 ARRL and TAPR Digital Communications Conference?

- * A full day of papers, breakout sessions, and selected topics on Saturday for the beginner to advanced amateur digital enthusiast.
- * Three seminars/symposia

Friday (1 PM)

- Second Annual APRS National Symposium,
moderated by Steve Dimse, K4HG

Friday (3 PM)

- Infrastructure Technologies in Amateur Radio
conducted by Don Lemke, WB9MJN

Sunday (8:30 AM)

- RUDAK Future Operations and Experimentations
by Lyle Johnson, WA7GXD
- Packet Radio Networks with Millions or Billions of Stations
by Tim Shepard, KD1KY

- * Third Annual Student Paper Awards.
- * TAPR Membership Meeting
- * A banquet with special guest speaker Steve Roberts, N4RVE, of Nomadic Research Labs. Creator of the Winnebiko and Behemoth high-tech recumbent bicycles. His current project is focused on Microship technology (<http://www.microship.com/>).
- * SIGs (Special Interest Groups) get-togethers on Saturday, following the banquet
- * Informal get-togethers throughout the weekend
- * A facility that is perfect for this type of conference
- * Informal engineering discussions/demonstration areas
- * Motorola Museum located in the area.
- * An event at which the most important new developments in amateur digital communications are announced
- * Digital 'movers and shakers' from all over the world in attendance

Conclusion

If you have attended a Digital Communications Conference in the past, remember how much fun it was discussing the latest developments into the wee hours! If you have never been to a Digital Communications Conference, then make your plans now to attend and find out how much fun they can be.

There are few activities where your participation can be so much fun and so important! You will be able to get together with colleagues from all over the world and bring each other up to date on your latest work. Experience all this and more for an unforgettable weekend of ham radio and digital communications. Make your travel and lodging arrangements now. We hope to see you at the ARRL and TAPR Digital Communications Conference, September 25-27!

Full information on the conference and hotel information can be obtained by contacting Tucson Amateur Packet Radio, 8987-309 E. Tanque Verde Road #337, Tucson, AZ 85749-9399, phone 940-383-0000, fax 940-566-2544, e-mail tapr@tapr.org, browse www.tapr.org/dcc.

Sincerely,

Steve Ford, WB8IMY, ARRL Conference Co-Chair
Greg Jones, WD5IVD, TAPR Conference Co-Chair
Steve Stroh, N8GNJ, Conference Manager
Mark J. Thompson, WB9QZB, Local Host Liaison
Carl Bergstedt, K9VXW, Local Host Liaison

Note: If you need conference handouts or flyers for ham club meetings, contact TAPR to get what you need!

Hotel Information

Conference presentations, meetings, and seminars will be held at the Holiday Inn Rolling Meadows. Special DCC rooms rates are \$85 per night. When making reservations with the hotel, be sure to indicate you are attending the ARRL and TAPR DCC in order to get the discount. It is highly recommended that you book your room prior to arriving. A block of 75 rooms is reserved until August 31, 1998. After the 75 rooms are booked, rooms will only be available in nearby hotels, so be sure to book your rooms early! The hotel provides transportation to and from O'Hare Airport. Please contact the hotel to arrange specific transportation needs.

Holiday Inn Rolling Meadows (conference hotel)
3405 Algonquin Rd
Rolling Meadows, IL 60008
Phone 847-259-5000, fax 847-259-0597

Registration

Contact the TAPR office by phone, fax, or e-mail (numbers and addresses are

above) to register or for additional meeting information. MasterCard and VISA are accepted.

- Preregistration (before Sept 1): \$42.00 *

- Late registration or at door: \$47.00 *

* - Conference registration includes Conference Proceedings, Saturday sessions/meetings, and lunch.

- Saturday Evening Dinner (limited space): \$20.00 **

** - Includes dinner, speaker, prize drawing

Seminar/symposia

Note: You do not have to be registered for the conference to attend one or more of the seminars/symposia.

- Friday, 1-8 PM, Second Annual APRS National Symposium (full day)

Registration: \$25***

- Friday 3-7 PM, Infrastructure Technologies in Amateur Radio, conducted by Don Lemke, WB9MJN

Registration: \$15***

Sunday 8:30-11 AM and 11:30 AM-2 PM, RUDAK Future Operations and Experimentations by Lyle Johnson, WA7GXD, and Packet Radio Networks with Millions or Billions of Stations by Tim Shepard, KD1KY

Registration \$20***

*** Cost of seminar or symposium includes the cost of handout materials.

Contact TAPR to register for the DCC:

Tucson Amateur Packet Radio
8987-309 E. Tanque Verde Road #337
Tucson, AZ 85749-9399.

phone 940-383-0000, fax 940-566-2544

e-mail tapr@tapr.org, browse <http://www.tapr.org>

(8.7.5/8.7.3/1.9) with ESMTP id SAA04863 for <aprsnews@tapr.org>; Fri, 12 Jun 1998 18:38:42 -0500 (CDT)
Received: from [209.150.32.191] (ct-hartford-us432.javanet.com [209.150.32.191])
by mail2.nai.net (8.8.8/8.8.8) with SMTP id TAA16280
for <aprsnews@tapr.org>; Fri, 12 Jun 1998 19:39:03 -0400 (EDT)
Message-Id: <199806122339.TAA16280@mail2.nai.net>
X-Mailer: Microsoft Outlook Express for Macintosh - 4.0c (197)
Date: Fri, 12 Jun 1998 19:32:50 -0400
Subject: APRS817 routine
From: "Stan Horzepa" <stanzepa@mail2.nai.net>
To: aprsnews <aprsnews@tapr.org>
Mime-version: 1.0
X-Priority: 3
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

From: Bob Bruninga <bruninga@nadn.navy.mil>
To: aprssig@tapr.org
Subject: [APRSSIG:25293] APRS817 routine
Date: Fri, Jun 12, 1998, 1:52 PM

Routine update only. No big deals
APRS817

- * Added CONTROLS-FILTERS-LOCAL so that stations beyond 2 hops would be ignored. I find this useful while mobile to unclutter my P-LIST, etc.
- * Added F1-HELP-MAPS so you can see the major map areas and the CD ROM
- * Fixed refresh of cursor on P-LIST
- * Removed Streets-on-disk interface to make room
- * Disabled automatic P-LIST sort if under 100 stations
- * added SS-STATE warnings, so that entire STATES can be activated
- * Moved some small maps from USA distribution to the regional distros
CASFCITY, MDBALTO, LAORLENS, TNNORTH, IDAHOFLS
- * Improved USANCEN and USASCEN to include new SW Kansas and W. OK maps

From stanzepa@mail2.nai.net Mon Jun 15 18:13:52 1998
Received: from mail2.nai.net (mail2.nai.net [208.133.174.66]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id SAA26907 for <aprsnews@tapr.org>; Mon, 15 Jun 1998 18:13:51 -0500 (CDT)
Received: from [209.150.33.42] (ct-hartford-us627.javanet.com [209.150.33.42])
by mail2.nai.net (8.8.8/8.8.8) with SMTP id TAA21777
for <aprsnews@tapr.org>; Mon, 15 Jun 1998 19:14:42 -0400 (EDT)
Message-Id: <199806152314.TAA21777@mail2.nai.net>

X-Mailer: Microsoft Outlook Express for Macintosh - 4.0c (197)
Date: Mon, 15 Jun 1998 18:53:59 -0400
Subject: UTAH Maps
From: "Stan Horzepa" <stanzepa@mail2.nai.net>
To: aprsnews <aprsnews@tapr.org>
Mime-version: 1.0
X-Priority: 3
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Sender: Bob Bruninga <bruninga@nadn.navy.mil>
Subject: UTAH Maps

I just updated UTAH.map and UTAH-AZ.map and added WX warning circles.
These are in the new Cmaps23.zip posted on tapr...

de WB4APR

From stanzepa@mail2.nai.net Thu Jun 18 22:05:33 1998
Received: from mail2.nai.net (mail2.nai.net [208.133.174.66]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id WAA13238 for <aprsnews@tapr.org>; Thu, 18 Jun 1998
22:05:31 -0500 (CDT)
Received: from [209.150.35.66] (ct-hartford-us1703.javanet.com [209.150.35.66])
by mail2.nai.net (8.8.8/8.8.8) with SMTP id XAA28953
for <aprsnews@tapr.org>; Thu, 18 Jun 1998 23:06:54 -0400 (EDT)
Message-Id: <199806190306.XAA28953@mail2.nai.net>
X-Mailer: Microsoft Outlook Express for Macintosh - 4.0c (197)
Date: Thu, 18 Jun 1998 23:07:30 -0400
Subject: APRS FD Contest!
From: "Stan Horzepa" <stanzepa@mail2.nai.net>
To: aprsnews <aprsnews@tapr.org>
Mime-version: 1.0
X-Priority: 3
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Sender: Bob Bruninga <bruninga@nadn.navy.mil>
Subject: APRS FD Contest!

On Wed, 10 Jun 1998, John Blowsky proposed an APRS FD contest:

- > 1) MODE: APRS
- > 2) Band: Any frequency that APRS is currently on. HF/VHF etc
- > 3) ALL APRS paths allowed. But RF must be used at BOTH ends
- > 4) Class: No commercial power. You have to operate from a FD site.

- > 5) Single Opp designated by "SO"
- > Multi Opp designated by "MO"
- > 6) Each TNC counts as one station.
- > 7) Exchange: Call Sign, ARRL section, SO/MO, Number of stations
- > 8) Points: Each contact is worth 1 point.

To sweeten the challenge, the APRS authors have offered AWARDS for the top winners using each version, Dos, Mac/Win +SA. The prize will be a free registration of the appropriate APRS software :-). In other words, the APRSdos station that has the highest score will get a free APRSdos registration, etc. In fact, Steve Dimse has offered a free javAPRS registration for ALL participants that submit scores!

More to follow...

Submit scores to kb2scs@worldnet.att.net

From stanzepa@mail2.nai.net Thu Jun 25 21:54:49 1998
 Received: from mail2.nai.net (mail2.nai.net [208.133.174.66]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA21277 for <aprsnews@tapr.org>; Thu, 25 Jun 1998 21:54:47 -0500 (CDT)
 Received: from [209.150.32.200] (ct-hartford-us441.javanet.com [209.150.32.200]) by mail2.nai.net (8.8.8/8.8.8) with SMTP id WAA07895 for <aprsnews@tapr.org>; Thu, 25 Jun 1998 22:57:11 -0400 (EDT)
 Message-Id: <199806260257.WAA07895@mail2.nai.net>
 X-Mailer: Microsoft Outlook Express for Macintosh - 4.0c (197)
 Date: Thu, 25 Jun 1998 20:54:09 -0400
 Subject: 1st Annual APRS FD FUNfest!
 From: "Stan Horzepa" <stanzepa@mail2.nai.net>
 To: aprsnews <aprsnews@tapr.org>
 Mime-version: 1.0
 X-Priority: 3
 Content-type: text/plain; charset="US-ASCII"
 Content-transfer-encoding: 7bit

Sender: Bob Bruninga <bruninga@nadn.navy.mil>
 Subject: 1st Annual APRS FD FUNfest!

Here is the best summary of all the ideas we have hashed out for the first ANNUAL APRS FD FUNFEST:

- 1) Band: Any frequency that APRS is currently on. HF/VHF etc
- 2) ALL APRS paths allowed. But FD site must use RF (No direct Inet)
- 3) Class: No commercial power. You have to operate from a FD site.
 (Everyone participates even from home or IGate to give points to

(others, but only FD sites count toward winning scores)

- 4) Single Opp designated by "SO". Multi Opp by "MO", No OPP by "NO"
- 5) Each TNC counts as one station. (Many PC's on a ziplan = 1 TNC)
- 6) Exchange: Call Sign, ARRL section, SO/MO, Number of stations
- 7) Points: Each contact is worth 1 point.

a) Operate normally. USE SHORT packets and MINIMUM PATH. Use WIDEN-N where possible. Keep hops practical for your area. (any more than 3 probably impossible).. Work everyone you see on mail/traffic pages.

b) ACKS are not required! If you get a QSL message from the other station, dont wait for an ACK. Erase the outgoing message to reduce QRM!

INTERNET GATEWAYS: The key here is that IGates only pass through MESSAGES to LOCAL stations in their area. This means you can QSO anyone if you already know their callsign! You will probably NOT see their posits since only messages go via IGates (normally). This is why you should always include your GRIDSQ in all of your FD text msgs. Here are some ways we have come up with to get around these quirks for FD:

- 1) Assume an SSID of -6 for FD stations and guess at some APRS calls...
- 2) Watch your traffic list. As soon as anyone QSO's anyone in your area, you will see them for a return QSO.
- 3) Send a CQ FD MESSAGE with your GRIDSQ and report to a DIGI in a known area with an IGate. This will go through any Mac/Win IGATE. Do a MAPS-OVERLAY-DIGIS for an area to see a good target call. (See #5)
- 4) Send a MESSAGE to CQFD. This will go to RF via any APRS+SA IGATE. (assuming that Igate is running Todays APRS+SA version)
- 5) Take a copy of K4HG's latest IGATE/TARGET LIST to FD with you and send your CQFD messages to those targets. His list did NOT have APRS+SA gates on it, but they should all respond to CQFD messages, anyway.
- 6) Do NOT send CQFD or TARGET messages until you have exhausted all other contacts, else we may totally BLOCK the RF channels around IGates.
- 7) Once you are working via IGATES, PLEASE minimize your path to ONLY the hops needed to hit your local IGate.

HOME STATIONS: If you are not going to FD, please set up your UN-ATTENDED home station for AUTOREPLY with something like 'QSL. [gridsq]. (NO), ARRL section, etc. For APRSdos this simply means send ONE message to the callsign of REPLY and make sure this message is the first in your SEND list. If you start attending your station, BE SURE TO ERASE that REPLY message to avoid INFINITE REPLY LOOPING AND QRM!

IGATE SET UP: The special CQFD message packets will ONLY work under the following two conditions:

- 1) If an IGate is APRS+SA and is using the latest version (tonight's), AND the sysop "wildcards" the callsign CQFD, then all such messages will

be gated to RF... Everyone should see them...

2) If local IGate is Mac/Win, then someone in each IGate area should put a local TNC on the air beaconing ONCE every 30 minutes a position packet using the MYCALL of CQFD. Put owners call in BTEXT to keep it legal... This will force the IGATE to recognize CQFD as a local call and it will also forward ALL CQFD messages to RF!

To sweeten the challenge, the APRS authors have offered AWARDS for the top winners using each version, Dos, Mac/Win +SA. The prize will be a free registration of the appropriate APRS software :-). In other words, the APRSdos station that has the highest score will get a free APRSdos registration, etc. In fact, Steve Dimse has offered a free javAPRS registration for ALL participants that submit scores!

Offer void where prohibited and where such offer is not considered in fun. :-)

Since John Blowsky started this, Submit scores to him at
kb2scs@worldnet.att.net

HOOK UP YOUR SPEAKER. If you aren't listening to the packets, then you may not know what is going on the channel. TNC's do not detect collisions. DCD's do not either, so just because the little green light is OFF, does not mean the channel is not all QRM...

de WB4APR

From stanzepa@mail2.nai.net Mon Jul 20 21:05:21 1998
Received: from mail2.nai.net (mail2.nai.net [208.133.174.66]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id VAA27778 for <aprsnews@tapr.org>; Mon, 20 Jul 1998
21:05:20 -0500 (CDT)
Received: from [209.150.32.107] (ct-hartford-us244.javanet.com [209.150.32.107])
by mail2.nai.net (8.8.8/8.8.8) with SMTP id WAA28437
for <aprsnews@tapr.org>; Mon, 20 Jul 1998 22:07:47 -0400 (EDT)
Message-Id: <199807210207.WAA28437@mail2.nai.net>
X-Mailer: Microsoft Outlook Express for Macintosh - 4.0c (197)
Date: Mon, 20 Jul 1998 20:14:58 -0400
Subject: APRS819
From: "Stan Horzepa" <stanzepa@mail2.nai.net>
To: aprsnews <aprsnews@tapr.org>
Mime-version: 1.0
X-Priority: 3
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Sender: Bob Bruninga <bruninga@nadn.navy.mil>
Subject: APRS819

I just posted APRS819.zip. Whats new SEE README\NEWNOTES.TXT

- * Forwards compatible with new MSG format. Backwards compatible to
786 somewhat and 800 fully.
- * Will do the MILE MARKERS. See README\MILEMARK.TXT
- * Will capture messages to another of your SSID's
- * Fixes leaks on the FILE-PRINT-MESSAGES that caused wrong msgs to print
- * You can now SEND from the MAP screen
and READ-WHEN will show you when next message will transmit

Had to give up one page of data, so you now only see 8 pages of POSITS
instead of 9. So keep an old 817 if you have it. Eventually, I will be
able to get that back up, in about 6 months when we finally abandon some
old backwards compatible stuff that is still in there..

From stanzepa@mail2.nai.net Thu Jul 23 18:34:11 1998
Received: from mail2.nai.net (mail2.nai.net [208.133.174.66]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id SAA21876 for <aprsnews@tapr.org>; Thu, 23 Jul 1998
18:34:09 -0500 (CDT)
Received: from [209.150.32.235] (ct-hartford-us528.javanet.com [209.150.32.235])
by mail2.nai.net (8.8.8/8.8.8) with SMTP id TAA29425
for <aprsnews@tapr.org>; Thu, 23 Jul 1998 19:37:06 -0400 (EDT)
Message-Id: <199807232337.TAA29425@mail2.nai.net>

X-Mailer: Microsoft Outlook Express for Macintosh - 4.0c (197)
Date: Thu, 23 Jul 1998 18:41:07 -0400
Subject: APRS+SA v1.7.07 Available for Download
From: "Stan Horzempa" <stanzepa@mail2.nai.net>
To: aprsnews <aprsnews@tapr.org>
Mime-version: 1.0
X-Priority: 3
Content-type: text/plain; charset="ISO-8859-1"
Content-transfer-encoding: 7bit

Sender: "Brent Hildebrand" <bhildebrand@earthlink.net>
Subject: APRS+SA v1.7.07 Available for Download

July 22, 1998

APRS+SA v0.9.17 Release Notes:

Changes:

- 1) Lists support "Wildcards". For example, KH2Z* will include all SSID's of KH2Z as will KH2Z-*. Other valid examples are *2Z*, KH?Z*, etc.
- 2) Data page in Setup. The data page will automatically delete data if enabled. Most data is deleted by time (hours). Position reports can also be deleted by total number. Valid times are from 0 hours to a really big number of hours. You can enable or disable deletion of data by type.
- 3) A default path can be set for Posits. Enter Callsign on Main page or Setup like this: CALLSIGN/PATH where path is the path ID specified in the Unproto setup window (Ctrl-U).
- 4) If the RF path is not available, all messages sent to TCPIP, if that is available. This is useful for those running the program with a TCPIP connection only.
- 5) Statusbar. Range, Proximity Alarms, Bulletins, and Search strings set up a text variable that is displayed when you move the mouse cursor over the statusbar of the main window. Example - do a Range function. The results will appear in the statusbar. When the program sees the mouse move OFF the statusbar, it will revert to normal display. Move it back onto the statusbar will again show the most recent data.
- 6) The Telemetry page has an additional "Text" column. This column attempts to show the origin of the telemetry packet. Current items for this column include, KPC-3+, Mic-E, and MIM.
- 7) A new list has been added that looks at the T0 field of received packets. If the T0 field does not match one of the strings in this list, it is ignored. The list also supports wildcards. For example, if the string AP* is in this list, then most packets from APRS+SA, APRSdos and WinAPRS will be decoded. See the list for default values. This list by default is not enabled.
- 8) Setup.exe now creates a shortcut on the desktop to APRS+SA.

Brent Hildebrand, KH2Z

Waypoint+ v1.7.07
<http://www.tapr.org/~kh2z/Waypoint>

APRS+SA v0.9.17
<http://www.tapr.org/~kh2z/APRSPLUS>

..

From stanzepa@mail2.nai.net Fri Jul 31 19:34:28 1998
Received: from mail2.nai.net (mail2.nai.net [208.133.174.66]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id TAA17498 for <aprsnews@tapr.org>; Fri, 31 Jul 1998
19:34:26 -0500 (CDT)
Received: from [209.150.36.88] (ct-hartford-us2225.javanet.com [209.150.36.88])
by mail2.nai.net (8.8.8/8.8.8) with SMTP id UAA25956
for <aprsnews@tapr.org>; Fri, 31 Jul 1998 20:34:31 -0400 (EDT)
Message-Id: <199808010034.UAA25956@mail2.nai.net>
X-Mailer: Microsoft Outlook Express for Macintosh - 4.0c (197)
Date: Thu, 30 Jul 1998 18:55:47 -0400
Subject: FW: [APRSNEWS:123] WinAPRS version 2.2.1
From: "Stan Horzepa" <stanzepa@mail2.nai.net>
To: aprsnews <aprsnews@tapr.org>
Mime-version: 1.0
X-Priority: 3
Content-type: text/plain; charset="ISO-8859-1"
Content-transfer-encoding: 7bit

Sender: Mark Sproul <msproul@ap.org>
Subject: WinAPRS version 2.2.1

A new version of WinAPRS has been posted on Rutgers, I will be putting it
on TAPR as soon as I can.

MacAPRS should be up shortly

MacAPRS Version 3.2.1 - July 30, 1998
WinAPRS Version 2.2.1

Autoscrolling of maps can now center on any station, click on a
station icon and select AUTOSCOLL MOVING MAP from the Display
menu.

Precision Map window comes up on startup if the OCX is installed
Overlays and tracks work properly on Prec Map window
Added support for dos Compressed Line format maps
More work on metric/English display
Changes to map window buttons, individual buttons not present

if not valid
 Added Icon Window
 Added RESET WINDOW LOCATIONS command to force it to forget
"remembered" window locations

Mark

Mark Sproul	
Software Engineer @ Assoc Press	Work: 609-860-7120
msproul@ap.org	Fax: 609-860-7129

From stanzepa@mail2.nai.net Fri Jul 31 20:01:53 1998
Received: from mail2.nai.net (mail2.nai.net [208.133.174.66]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id UAA18920 for <aprsnews@tapr.org>; Fri, 31 Jul 1998
20:01:52 -0500 (CDT)
Received: from [209.150.35.99] (ct-hartford-us1736.javanet.com [209.150.35.99])
by mail2.nai.net (8.8.8/8.8.8) with SMTP id VAA27627
for <aprsnews@tapr.org>; Fri, 31 Jul 1998 21:01:50 -0400 (EDT)
Message-Id: <199808010101.VAA27627@mail2.nai.net>
X-Mailer: Microsoft Outlook Express for Macintosh - 4.0c (197)
Date: Fri, 31 Jul 1998 21:00:18 -0400
Subject: FW: [APRSNEWS:124] APRS+SA v0.9.18
From: "Stan Horzepa" <stanzepa@mail2.nai.net>
To: aprsnews <aprsnews@tapr.org>
Mime-version: 1.0
X-Priority: 3
Content-type: text/plain; charset="ISO-8859-1"
Content-transfer-encoding: 7bit

Sender: "Brent Hildebrand" <bhildebrand@earthlink.net>
Subject: APRS+SA v0.9.18

July 27, 1998
APRS+SA v0.9.18 Release Notes:
New files: aprsplus.dll, apx20ocx.dll, flshtray.ocx, regsvr32.exe.

New:

1) New map types (5-9). This map supports the Custom Map List found on the
Lists page or Setup. You can enter any list of callsigns you want to appear
on this map, including wildcards. Examples. KH2* will include any callsign

with KH2 prefix. Or ???? would include all 4 character callsigns. *-9* Would include all callsigns with -9 SSID. And *:* would include all Objects. The new map supports its own Map Options (MOP) file.

Maps 1-4 have not changed

Maps 5 and 6 are supported by the Custom Map List of Setup

Maps 7,8 and 9 included all known stations with the TimeFilter applied

Note: Map types are in evolution

2) Default Map Options file (MOP) is now MapOptions.MOP for all maps where an other MOP file is not defined.

3) Each map type can have their own Street Atlas Overlay file. This is in addition to the global overlay. To use this for of overlay, create a map file with all the drawing objects for that map you desire. Then save it with the name of the map type. For example, if Map 5 is Map5, use Map5.SA5.

4) Maps Page: Multiple maps can be selected for automatic redraw by clicking on the appropriate check boxes. Which map is automatically redrawn is rotated in time.

5) Shortcut Menu has been reworked to "shorten" it. All Map type menu items are now grouped under "Map". All TNC functions under "TNC", etc.

6) Wildcards now work properly with Tracking on the Tracking page.

7) A Tray Icon is now supported in the System Tray on some installations of Win95. This is experimental only. The Icon currently supports to menus: right click to bring up the Shortcuts Menu, left click to bring up a new Locating menu. This menu has up to 3 parts. The first it to Locate yourself, the possible second, contains callsign in the Custom Map list. The possible last list of menus contains the callsigns of stations in the Tracking List. Click on any of these menus will zoom the map to that location if the position data passes the Timefilter and Rangefilter. Note that Street Atlas can be full screen, and these menus are still available! This Tray Icon is provided by an ActiveX control, FlshIcon.OCX. This control is a freeware control. Documentation about the control is included. The control is automatically registered by Setup.exe.

Known Issues:

1) The Tray Icon is not currently supported under WinNT.

Brent Hildebrand, KH2Z

Waypoint+ v1.7.07

<http://www.tapr.org/~kh2z/Waypoint>

APRS+SA v0.9.17

<http://www.tapr.org/~kh2z/aprsplus>.

From stanzepa@mail2.nai.net Fri Jul 31 20:01:57 1998
Received: from mail2.nai.net (mail2.nai.net [208.133.174.66]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id UAA18943 for <aprsnews@tapr.org>; Fri, 31 Jul 1998
20:01:55 -0500 (CDT)
Received: from [209.150.35.99] (ct-hartford-us1736.javanet.com [209.150.35.99])
by mail2.nai.net (8.8.8/8.8.8) with SMTP id VAA27635
for <aprsnews@tapr.org>; Fri, 31 Jul 1998 21:02:01 -0400 (EDT)
Message-Id: <199808010102.VAA27635@mail2.nai.net>
X-Mailer: Microsoft Outlook Express for Macintosh - 4.0c (197)
Date: Fri, 31 Jul 1998 21:00:48 -0400
Subject: FW: [APRSNEWS:125] APRS+SA v0.9.18 Patch
From: "Stan Horzepa" <stanzepa@mail2.nai.net>
To: aprsnews <aprsnews@tapr.org>
Mime-version: 1.0
X-Priority: 3
Content-type: text/plain; charset="ISO-8859-1"
Content-transfer-encoding: 7bit

Sender: "Brent Hildebrand" <bhildebrand@earthlink.net>
Subject: APRS+SA v0.9.18 Patch

I found one small bug in v0.9.18 that has to do with the Data page of Setup.
If you enable this, you will get a VALUE ERROR recorded in the Event Log.
I have uploaded a patch to the APRS+SA Web Site that will resolve this. You
can download the patch from the Download page of the Web site. The file is
called Patch.zip, and it will contain the latest patches for the current
version.

Brent Hildebrand, KH2Z

Waypoint+ v1.7.07
<http://www.tapr.org/~kh2z/Waypoint>

APRS+SA v0.9.17
<http://www.tapr.org/~kh2z/aprsplus>

..

From stanzepa@mail2.nai.net Fri Jul 31 20:01:59 1998
Received: from mail2.nai.net (mail2.nai.net [208.133.174.66]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id UAA18961 for <aprsnews@tapr.org>; Fri, 31 Jul 1998
20:01:58 -0500 (CDT)
Received: from [209.150.35.99] (ct-hartford-us1736.javanet.com [209.150.35.99])
by mail2.nai.net (8.8.8/8.8.8) with SMTP id VAA27643

for <aprsnews@tapr.org>; Fri, 31 Jul 1998 21:02:04 -0400 (EDT)
Message-Id: <199808010102.VAA27643@mail2.nai.net>
X-Mailer: Microsoft Outlook Express for Macintosh - 4.0c (197)
Date: Fri, 31 Jul 1998 21:01:00 -0400
Subject: FW: [APRSNEWS:126] APRS+SA v0.9.19 has been posted
From: "Stan Horzepa" <stanzepa@mail2.nai.net>
To: aprsnews <aprsnews@tapr.org>
Mime-version: 1.0
X-Priority: 3
Content-type: text/plain; charset="ISO-8859-1"
Content-transfer-encoding: 7bit

Sender: "Brent Hildebrand" <bhildebrand@earthlink.net>
Subject: APRS+SA v0.9.19 has been posted

APRS+SA v0.9.19 has been posted. This version is equivalent to v0.9.18 with patches applied.

..
I will be on vacation for the next 8 days - No Email. I'll be in the U.P. of Michigan. No digis for miles!! Only peace and solitude.

Brent Hildebrand, KH2Z

Waypoint+ v1.7.07
<http://www.tapr.org/~kh2z/Waypoint>

APRS+SA v0.9.17
<http://www.tapr.org/~kh2z/aprsplus>

..

From wd5ivd@tapr.org Sun Aug 09 12:22:22 1998
Received: from [168.191.230.109] ([168.191.230.109]) by tapr.org (8.7.5/8.7.3/1.9)
with ESMTP id MAA16177; Sun, 9 Aug 1998 12:22:01 -0500 (CDT)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Message-Id: <v04011707b1f39762e9cf@[168.191.230.109]>
Date: Sun, 9 Aug 1998 12:20:14 -0600
To: "TAPR-BB list mailing" <tapr-bb@tapr.org>
From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Subject: 1998 ARRL and TAPR Digital Communications Conference
Cc: "HF SIG list mailing" <hfsig@tapr.org>, " Spread Spectrum " <ss@tapr.org>,
" TAPR/AMSAT DSP " <dsp@tapr.org>,
"APRS SIG list mailing" <aprssig@tapr.org>,
"NETSIG list mailing" <netsig@tapr.org>,
"BBS SIG list mailing" <bbssig@tapr.org>,
" tacgps " <tacgps@tapr.org>, aprsnews@tapr.org, mic-e@tapr.org,
TAPR Regional Freq <regional_freq@tapr.org>

1998 ARRL and TAPR Digital Communications Conference
September 25-27, 1998
Chicago, Illinois (minutes from O'Hare Airport)

Web: <http://www.tapr.org/dcc>

The 1998 ARRL and TAPR Digital Communications Conference will be held September 25-27, 1998, in Chicago, Illinois. This year's conference location is the Holiday Inn Rolling Meadows, just minutes from O'Hare Airport.

Not only is the Digital Communications Conference technically stimulating, it is a weekend of fun for all who have more than a casual interest in any of the ham digital communications modes. This includes APRS operators, digital networks, software writers, modem designers, and digital satellite enthusiasts. The ARRL and TAPR Digital Communications Conference is for all levels of digital operators -- a must conference to attend to become active on a national level. Now, more than ever, amateur radio needs this great meeting of the minds because it is important that we demonstrate a continued need for the frequency allocations we have by pushing forward and documenting our achievements. The ARRL and TAPR Digital Communications Conference is one of the few ways to record our accomplishments and challenge each other to do more.

A Conference for the Beginner, Too

The conference is not just for the digital expert. This year's conference again provides multiple session tracks for beginning, intermediate, and advanced presentations on selected topics in digital communications. Topics will include APRS, satellite communications, TCP/IP, digital radio, Spread Spectrum, and many others. Come to the conference and hear these topics presented by the experts! Don't miss this opportunity to listen and talk to others in these areas.

Symposia and Seminars

In addition to the presentation of papers on Saturday, three symposia/seminars will be held. These sessions are provided to allow those with additional time and interest to make the most of the Digital Communications Conference. For those who may have interest in just one symposium or seminar, registration for the conference is not required to attend these activities. This allows maximum flexibility for those who may want to participate during the Digital Communications Conference, but do not have an entire weekend to devote to the event.

The Second APRS National Symposium will be held on Friday and will be moderated by Steve Dimse, K4HG (the developer of javAPRS). It will likely include many APRS software authors, such as Bob Bruninga, WB4APR (the father of APRS), Keith Sproul, WU2Z, Mark Sproul, KB2ICI (the developers of MacAPRS and WinAPRS), Brent Hildebrand, KH2Z (the developer of APRSPLUS), and other nationally-known APRS leaders. Join this group for the afternoon and evening for in-depth discussions and presentations on the current and future status of APRS. This is a unique opportunity to gain insight into this fast-growing digital aspect of amateur operations that combines computers, packet radio, and GPS (Global Positioning System).

Starting late Friday afternoon, a half-day seminar titled "Infrastructureless Technologies in Amateur Radio," presented by Don Lemke, WB9MJN, will cover the pros and cons of DDMA (directivity division multiple access, a proposed infrastructureless technique) versus hubbed (cellular style) and other infrastructure dependent techniques, the basic problem of megabaud rate communications into the ham QTH, and some techniques for channel-area acquisition including full duplex/asynchronous versus simplex/synchronous radio/acquisition concepts. This seminar will start late enough on Friday afternoon to allow those flying that day to attend the seminar.

The Sunday morning seminar will be a combination of two different talks that will make one excellent seminar. The first presentation, by Lyle Johnson, WA7GXD, will focus on the upcoming RUDAK digital communications system scheduled to fly on the AMSAT Phase 3D satellite in the near future. Lyle will discuss features, systems design, integration, and experiments.

The goal of the presentation is to zero in on the communications capabilities of RUDAK, the performance to be expected from the 153k6 PSK system, the limitations and capacities of the DSP modems, user requirements for receiving RUDAK, requirements for transmitting to RUDAK, and how amateurs can work to make ground operations a reality once the satellite is in operation. Information on how to submit a proposal for experimental time on RUDAK will be presented. The second presentation will be by Tim Shepard, KD1KY, regarding "Packet Radio Networks with Millions or Billions of Stations." This talk will present concepts and materials that make you think about different possibilities of networking in the future. Both Lyle's and Tim's presentations focus on different aspects of future digital communications possibilities.

Third Annual ARRL and TAPR DCC Student Papers Award

The deadline for the third annual ARRL and TAPR Student papers is past, please think about having students submit next year for the travel awards. TAPR and the ARRL especially welcome papers from full-time students to compete

for these student papers award. Two \$500 travel awards may be given, one in each of the following categories: a) best technical/theory-oriented paper by a student, and b) best educational or community-oriented application paper by a student. The paper should relate directly to a wireless digital communication topic (see the guidelines for more information). Papers co-authored by educators or telecommunications professionals are also eligible for this award as long as a student is the first author. The deadline for receipt of finished student paper manuscript is June 20, 1999. Please note that this deadline is different from the general conference paper submission date. For full details and paper guidelines contact TAPR or browse to <http://www.tapr.org/dcc>.

Call for Conference Proceeding Papers

Anyone interested in digital communications is invited to submit a paper for publication in the Conference Proceedings. Presentation at the conference is not required for publication. The primary purpose of the conference is to communicate ideas and techniques regarding digital communications. Papers written in an informal style are welcome, as well as those written to academic standards. If you know of someone who is doing great things with digital communications, be sure to tell them about this! Papers are due by August 15, 1998, and should be submitted to Maty Weinberg, ARRL, 225 Main Street, Newington, CT 06111, or via e-mail to lweinberg@arrl.org. The paper submission guidelines are available on-line (<http://www.tapr.org/dcc>).

Local/International Co-Host

The 1998 ARRL and TAPR Digital Communications Conference will be co-hosted by Chicago Amateur Packet Radio Association (CAPRA). CAPRA is one of the oldest packet radio groups in the US. It focuses on education about amateur packet radio, coordination of joint efforts of hams interested in packet radio, and technical and equipment support for a sound packet network in the Chicago area. They have had high-speed packet networks operational since the mid-1980s. Visit the CAPRA Web site at <http://www.imaxx.net/capra> for more information.

PRUG (Packet Radio User Group of Japan) will be the first International co-host of the ARRL and TAPR Digital Communications Conference. The conference is proud to welcome PRUG as part of the conference. PRUG will be hosting an informal social Friday evening after the seminar and symposium are completed. Visit <http://www.prug.or.jp> for more information about the organization.

What can you expect during the 1998 ARRL and TAPR Digital Communications Conference?

- * A full day of papers, breakout sessions, and selected topics on Saturday for the beginner to advanced amateur digital enthusiast.
- * Three seminars/symposia
 - Friday (1 PM)
 - Second Annual APRS National Symposium,
moderated by Steve Dimse, K4HG
 - Friday (3 PM)
 - Infrastructure Technologies in Amateur Radio
conducted by Don Lemke, WB9MJN
 - Sunday (8:30 AM)
 - RUDAK Future Operations and Experimentations
by Lyle Johnson, WA7GXD
 - Packet Radio Networks with Millions or Billions of Stations
by Tim Shepard, KD1KY
- * Third Annual Student Paper Awards.
- * TAPR Membership Meeting

- * A banquet with special guest speaker Steve Roberts, N4RVE, of Nomadic Research Labs. Creator of the Winnebiko and Behemoth high-tech recumbent bicycles. His current project is focused on Microship technology (<http://www.microship.com/>).
- * SIGs (Special Interest Groups) get-togethers on Saturday, following the banquet
- * Informal get-togethers throughout the weekend
- * A facility that is perfect for this type of conference
- * Informal engineering discussions/demonstration areas
- * Motorola Museum located in the area.
- * An event at which the most important new developments in amateur digital communications are announced
- * Digital 'movers and shakers' from all over the world in attendance

Conclusion

If you have attended a Digital Communications Conference in the past, remember how much fun it was discussing the latest developments into the wee hours! If you have never been to a Digital Communications Conference, then make your plans now to attend and find out how much fun they can be.

There are few activities where your participation can be so much fun and so important! You will be able to get together with colleagues from all over the world and bring each other up to date on your latest work. Experience all this and more for an unforgettable weekend of ham radio and digital communications. Make your travel and lodging arrangements now. We hope to see you at the ARRL and TAPR Digital Communications Conference, September 25-27!

Full information on the conference and hotel information can be obtained by contacting Tucson Amateur Packet Radio, 8987-309 E. Tanque Verde Road #337, Tucson, AZ 85749-9399, phone 940-383-0000, fax 940-566-2544, e-mail tapr@tapr.org, browse www.tapr.org/dcc.

Sincerely,

Steve Ford, WB8IMY, ARRL Conference Co-Chair
 Greg Jones, WD5IVD, TAPR Conference Co-Chair
 Steve Stroh, N8GNJ, Conference Manager

Mark J. Thompson, WB9QZB, Local Host Liaison
Carl Bergstedt, K9VXW, Local Host Liaison

Note: If you need conference handouts or flyers for ham club meetings,
contact TAPR to get what you need!

Hotel Information

Conference presentations, meetings, and seminars will be held at the
Holiday Inn Rolling Meadows. Special DCC rooms rates are \$85 per night.
When making reservations with the hotel, be sure to indicate you are
attending the ARRL and TAPR DCC in order to get the discount. It is highly
recommended that you book your room prior to arriving. A block of 75 rooms
is reserved until August 31, 1998. After the 75 rooms are booked, rooms
will only be available in nearby hotels, so be sure to book your rooms
early! The hotel provides transportation to and from O'Hare Airport.
Please contact the hotel to arrange specific transportation needs.

Holiday Inn Rolling Meadows (conference hotel)
3405 Algonquin Rd
Rolling Meadows, IL 60008
Phone 847-259-5000, fax 847-259-0597

Tucson Amateur Packet Radio
8987-309 E Tanque Verde Rd #337 * Tucson, Az * 85749-9399

e-mail: tapr@tapr.org web: <http://www.tapr.org/>
ftp: [ftp.tapr.org](ftp://ftp.tapr.org)
phone: 940-383-0000 fax: 940-565-2544

From stanzepa@mail2.nai.net Mon Aug 10 16:32:43 1998
Received: from mail2.nai.net (mail2.nai.net [208.133.174.66]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id QAA23204 for <aprsnews@tapr.org>; Mon, 10 Aug 1998
16:32:33 -0500 (CDT)
Received: from [209.150.33.99] (ct-hartford-us736.javanet.com [209.150.33.99])
by mail2.nai.net (8.8.8/8.8.8) with SMTP id RAA15821
for <aprsnews@tapr.org>; Mon, 10 Aug 1998 17:34:16 -0400 (EDT)
Message-Id: <199808102134.RAA15821@mail2.nai.net>
X-Mailer: Microsoft Outlook Express for Macintosh - 4.0c (197)
Date: Mon, 10 Aug 1998 16:42:17 -0400
Subject: [APRSNEWS:132] APRS820 and more!
From: "Stan Horzepa" <stanzepa@mail2.nai.net>
To: aprsnews <aprsnews@tapr.org>
Mime-version: 1.0

X-Priority: 3
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Sender: Bob Bruninga <bruninga@nadm.navy.mil>
Subject: APRS820 and more!

I have made a major shift in philosophy in further development of APRSdos. APRS was designed and will always focus on real-time tactical communications. These are limited local events, usually with only a few dozen stations. Nothing will detract from that primary objective.

The problem is that 99.9% of the time APRS is used to just monitor 144.39 where hundreds of stations appear, especially during band openings. To date, I have tried to balance the need for all of the real-time tactical functions while still trying to provide enough room to monitor over 100 stations during routine benign monitoring. But I am out of room!

SOLUTION: Thus, I have spun off a new version of APRSdos called APRSmax. By removing some little used features such as DF, 3D, and Altnets, APRSmax will be able to monitor up to 230 stations during routine operations. Conversely, I can now reduce the size of the P-LIST arrays in the full-up version of APRSdos and have some room for more features that are important at special events. Thus, APRSdos will always be FULL-FUNCTION. Its only limitation will be how many stations it can retain on the P-list. Thus, I will no longer be squeezed by the one-for-one competition between features and number of stations. With this split functionality, I can also now spin off other special versions of APRSdos as follows:

- APRS820 - Full up APRS. All functions. Captures 120 stations
- APRSmax - Less 3D, DF, Altnets, etc. Captures 230 stations
- APRSdr - Special version for automatic dead-reckoning of race objects about a race course.

And more. These three are now posted @tapr.org in the directory:

tapr/SIG/aprssidg/files/dosstuff/APRSdos

*** The new command CONTROLS-FILTERS-LIMIT now allows you to limit the number of stations by rejecting all packets coming via very long DIGI paths. This limit is adjustable and thus allows you to run APRSdos without filling up your P-LIST with stations hundreds of miles away.

*** APRSdr has been around for a long time, but it needed to be updated to the current APRSdos environment and features.

*** In 820, I finished all the MILEMARKERS for all states that I could. States I cannot do until someone goes and gets the LAT/LONG of the

key milemarkers are: CA,CT,FL,GA,MA,ME,NH,NY,PA,VT

de WB4APR, Bob

From stanzepa@mail2.nai.net Mon Aug 10 18:24:52 1998
Received: from mail2.nai.net (mail2.nai.net [208.133.174.66]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id SAA28780 for <aprsnews@tapr.org>; Mon, 10 Aug 1998
18:24:49 -0500 (CDT)
Received: from [209.150.32.111] (ct-hartford-us300.javanet.com [209.150.32.111])
by mail2.nai.net (8.8.8/8.8.8) with SMTP id TAA23760
for <aprsnews@tapr.org>; Mon, 10 Aug 1998 19:26:37 -0400 (EDT)
Message-Id: <199808102326.TAA23760@mail2.nai.net>
X-Mailer: Microsoft Outlook Express for Macintosh - 4.0c (197)
Date: Mon, 10 Aug 1998 19:23:10 -0400
Subject: aprsdigi announcement
From: "Stan Horzepa" <stanzepa@mail2.nai.net>
To: aprsnews <aprsnews@tapr.org>
Mime-version: 1.0
X-Priority: 3
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

From: Wes Johnston <kd4rdb@eagnet.com>
To: stanzepa@mail2.nai.net
Subject: aprsdigi announcement
Date: Mon, Aug 10, 1998, 6:54 PM

APRSDIGI software is now available to the public.

This is the first public release of the software, and I know the plain text
TNC interface is a little rough. Let me know what you think. Who knows,
this could open up a whole new market for old 286's and 386's.

<http://www.qsl.net/kd4rdb/aprsdigi.htm>

Wes

Email: <mailto:kd4rdb@eagnet.com>
AlphaPager: <mailto:kd4rdb@eagnet.com> - subject line: PAGER
APRS: <http://www.qsl.net/kd4rdb/aprs.htm>

Black holes are where God divided by zero.

From stanzepa@mail2.nai.net Sun Aug 16 17:16:05 1998
Received: from mail2.nai.net (mail2.nai.net [208.133.174.66]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id RAA15994 for <aprsnews@tapr.org>; Sun, 16 Aug 1998
17:16:04 -0500 (CDT)
Received: from [209.150.36.144] (ct-hartford-us2333.javanet.com [209.150.36.144])
by mail2.nai.net (8.8.8/8.8.8) with SMTP id SAA00779
for <aprsnews@tapr.org>; Sun, 16 Aug 1998 18:18:51 -0400 (EDT)
Message-Id: <199808162218.SAA00779@mail2.nai.net>
X-Mailer: Microsoft Outlook Express for Macintosh - 4.0c (197)
Date: Sun, 16 Aug 1998 12:01:19 +0000
Subject: [APRSNEWS:135] APRS821 NEW Features
From: "Stan Horzepa" <stanzepa@mail2.nai.net>
To: aprsnews <aprsnews@tapr.org>
Mime-version: 1.0
X-Priority: 3
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Sender: Bob Bruninga <bruninga@nadm.navy.mil>
Subject: APRS821 NEW Features

APRS821 just posted, has some neat features and smoothed out the bumps in
some old ones. Be sure to read the NEWNOTES.TXT for details:

- * BACKUP file is now automatically loaded everytime you restart so that
you always return to where you started. Old way was APRSdos/b.
- * RADAR function is much better with 3 ALARM options for ur airspace
ALL, only NEW, or SELECTED stations only... (select on P-LIST)
- * JUST command fixed the JUST-SPECIAL on the P-LIST so that you can
easily see your ALARMED, SPECIAL, TRACKED, or RADAR stations
- * CONFIG file now saves a lot more (still not F7)
- * CONTROLS-FILTERS-LIMIT shows on the D-page and lets you limit your
capture area by the number of hops you will capture.

The RADAR NEW capability is neat, since now you can set it way out and
only see anyone NEW who enters your area...

Enjoy!

bob

From stanzepa@mail2.nai.net Wed Sep 02 21:51:52 1998
Received: from mail1.javanet.com (mail1.javanet.com [205.219.162.10]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA24428 for <aprsnews@tapr.org>; Wed, 2 Sep 1998 21:51:51 -0500 (CDT)
Received: from [209.150.35.38] (ct-hartford-us1623.javanet.com [209.150.35.38]) by mail1.javanet.com (8.8.8/8.7) with SMTP id WAA05157 for <aprsnews@tapr.org>; Wed, 2 Sep 1998 22:51:48 -0400 (EDT)
Message-Id: <199809030251.WAA05157@mail1.javanet.com>
X-Mailer: Microsoft Outlook Express for Macintosh - 4.0c (197)
Date: Wed, 02 Sep 1998 19:49:06 +0000
Subject: [APRSNEWS:138] APRS+SA V0.9.20
From: "Stan Horzepa" <stanzepa@mail2.nai.net>
To: aprsnews <aprsnews@tapr.org>
Mime-version: 1.0
X-Priority: 3
Content-type: text/plain; charset="ISO-8859-1"
Content-transfer-encoding: 7bit

Sender: "Brent Hildebrand" <bhildebrand@earthlink.net>
Subject: APRS+SA V0.9.20

APRS+SA v0.9.20 Release Notes.
Many changes:

- 1) Queuing routine completely rewritten. This controls most transmissions of data, both RF and TCP/IP. Ctrl-Alt-Shift-Q will display the Queue, but you will not be able to do much with it. But it will show multiple ACKS when they occur or when a Posit is transmitted from a station that has been IGated.
- 2) ACKS - the program will generate multiple ACKS for messages received from through multiple digipeater hops. Note that the number of hops is determined by the first packet heard for a given message. Note that this is not new for APRS+SA. What is new is that the multiple ACKS are spaced 10 seconds apart. This is experimental.
- 3) IGated Acks - the program will transmit 2 Acks for all gated Acks, these spaced 10 seconds apart. This is in hope to improve through put of message Acks. This is experimental, and may be removed later.
- 4) MAPS - A number of new maps have been created. One is a dedicated Digipeater Map. And 4 "By Icon" maps are possible. Also, 5 new Weather only maps have been created. The Wind Direction map will have map notes with the "tail" pointing in the direction of the wind
- 5) MAP MOP Files - Map Options are now available for all map types. All maps will be drawn with the map NAME followed by a + and either A or B. Example: WindSpeed+A.SA5. The MOP file associated with this map will be

WindSpeed.MOP. If WindSpeed.MOP is not defined, then MapOptions.MOP will be used. If MapOptions.MOP is not defined, then the current values for the Map Options will be used. Whew. Map Options now include Map "Instance". This means which Instance of SA that a map will be directed to. The default is 2 which means, NOT the one you might be zooming in on, but you can specify 1 if you wish. The program now supports 4 instances. This is artificially limited. More could be used, but this eats up more RAM, etc. 4 instances for now.

6) Setup-Lists. A new list has been created: Gate Object based on object Icon. Also, the Gate Callsign function has a new "switch" to enable or disable this function.

7) Trayicon is now in "native" code and does not require the OCX. An uninstall batch file has been included to remove the v0.9.19 OCX. Execute the batch file, Uninstall0919.bat.

8) Messages and Objects can now be transmitted in NEW APRS message format. This will be the default state, but in this state, old versions of APRS will not decode the message or object

9) Messages - transmission of messages can now be either sequential or in parallel. In sequential, if a message gets "stuck", it will hold up all the following messages. This is added in concession to APRSDos which does sequential message transmission. I'd prefer to sort on receive, but need more message info, this is why the message numbers are now 4 digit with APRS+SA. Remember, you can manually sort messages in the InBox by using drag and drop

10) Coordinates. The map datum of APRS is WGS84. APRS+SA now supports entry of coordinates in any of 122 map datums in degrees, degrees/minutes, degrees/minutes/seconds, and now in UTM. This applies to your current position, Map Centers, and Objects. Map Datums are recorded in Datum.TXT. You can add more datum's as needed. Be sure the parameters are correct. Not all map datums have been tested. I use the Defense Mapping Agency's program MADTRAN as a benchmark for my Datum and UTM transforms. The Datum list is from the University of Texas. There is also a new menu on the Position, History and Object pages called Coordinates. This can be used to review a station's coordinates in a different Datum other than WGS84 and in UTM or Degrees, Degrees/Minutes, or Degrees/Minutes/Seconds. Also from the coordinate window, you can locate the entered coordinate. Note that if you change either the Lat/Long or UTM coordinates, click the appropriate convert button to get the UTM or Lat/Long equivalents. There is also a new Coordinate Conversion menu item under Shortcuts.

11) APRServe Logon and Auto-Reconnect has been changed. The program will now do connects in the "back ground". The keyboard remains active during

attempted connects to APRServe. Also, if a connect fails, the program will automatically go to the next server in the list. Also, if connection gets dropped, the next server in the list will be tried. If the PPP connection stays open, APRS+SA will try and try and try to keep the connection open.

Fixes:

1) No delayed ACK is now generated for Group Messages.

Brent Hildebrand, KH2Z

APRS+SA v0.9.20

<http://www.tapr.org/~kh2z/aprsplus>

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From stanzepa@mail2.nai.net Sat Sep 05 14:24:31 1998
Received: from mail1.javanet.com (mail1.javanet.com [205.219.162.10]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA17104 for <aprsnews@tapr.org>; Sat, 5 Sep 1998 14:24:30 -0500 (CDT)
Received: from [209.150.36.126] (ct-hartford-us2315.javanet.com [209.150.36.126]) by mail1.javanet.com (8.8.8/8.7) with SMTP id PAA10091 for <aprsnews@tapr.org>; Sat, 5 Sep 1998 15:24:28 -0400 (EDT)
Message-Id: <199809051924.PAA10091@mail1.javanet.com>
X-Mailer: Microsoft Outlook Express for Macintosh - 4.0c (197)
Date: Fri, 04 Sep 1998 19:21:13 +0000
Subject: Digital Communications Conference
From: "Stan Horzepa" <stanzepa@mail2.nai.net>
To: aprsnews <aprsnews@tapr.org>
Mime-version: 1.0
X-Priority: 3
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Just a little reminder...

The Digital Communications Conference is 3 weeks away, September 25 thru 27, in Chicago. Full details about the conference are available on the TAPR web site at:

<http://www.tapr.org/dcc/>

Once again, the DCC will kick off with an APRS seminar on Friday afternoon, starting at 1PM.

The final program isn't set, but will include most of the software authors (unfortunately Brent cannot make it, we still hope to have a stand-in to present APRS+SA).

Two exciting new commercial hardware devices will be unveiled (no hints, but you don't want to miss seeing them!), as well as the first showing of PalmAPRS. You could stay home and read about it that night on the SIG, or you could be there and be part of it. Your choice.

Of course, the APRS session is just part of DCC. For me, the best part is the informal sessions that fill all the empty times in the schedule. Many of the innovations in APRS came out of ideas generated at the DCC. There is no better time have input into the future of APRS. It is also nice to see where hams outside of APRS are headed, some interesting tie-ins have developed this way.

And if you don't go, you'll miss classic moments like the time many of the leaders of APRS (names withheld to protect the guilty), in a vehicle bristling with computers, GPSes, and radios, got lost enroute to dinner!

Steve K4HG

From stanzepa@mail2.nai.net Mon Sep 07 10:14:20 1998
Received: from mail1.javanet.com (mail1.javanet.com [205.219.162.10]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA02144 for <aprsnews@tapr.org>; Mon, 7 Sep 1998 10:14:18 -0500 (CDT)
Received: from [209.150.36.29] (ct-hartford-us2114.javanet.com [209.150.36.29]) by mail1.javanet.com (8.8.8/8.7) with SMTP id LAA29988 for <aprsnews@tapr.org>; Mon, 7 Sep 1998 11:14:16 -0400 (EDT)
Message-Id: <199809071514.LAA29988@mail1.javanet.com>
X-Mailer: Microsoft Outlook Express for Macintosh - 4.0c (197)
Date: Mon, 07 Sep 1998 11:03:39 +0000
Subject: [APRSNEWS:141] Exotic Mobiles via MIR
From: "Stan Horzepa" <stanzepa@mail2.nai.net>
To: aprsnews <aprsnews@tapr.org>
Mime-version: 1.0
X-Priority: 3
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Sender: Bob Bruninga <bruninga@nadn.navy.mil>
Subject: Exotic Mobiles via MIR

Since the purpose of the ongoing APRS MIR tests are to provide something interesting for students to learn about space communications, it is always nice to have some interesting exotic mobiles to show off.

So if you are going to be long-term mobile, and beyond the reach of the usual APRS infrastructure, consider signing up to be a school target! I have asked our three full time APRS truckers to find a 2nd rig if they can...

Obviously we cannot encourage everyone to play here, because we would wear out our welcome, but conversly, it would be nice to see something moving on a consistent basis for the kids... If you want to be a full time player, lemme know. Also, ANY school or student group may use APRS via MIR at any time during the currently authorized project.

de WB4APR

From wd5ivd@tapr.org Mon Sep 14 21:10:15 1998
Received: from [207.8.125.53] (greg-jones-pc4.customer.jump.net [207.8.125.53])
by tapr.org (8.8.5/8.8.5) with ESMTP id VAA07059;
Mon, 14 Sep 1998 21:10:04 -0500 (CDT)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Message-Id: <v0401170fb2237bbfafc8@[207.8.125.53]>
Date: Mon, 14 Sep 1998 21:09:36 -0500
To: "HF SIG list mailing" <hfsig@tapr.org>, " Spread Spectrum " <ss@tapr.org>,
" TAPR/AMSAT DSP " <dsp@tapr.org>,
"APRS SIG list mailing" <aprssig@tapr.org>,
"NETSIG list mailing" <netsig@tapr.org>,
"BBS SIG list mailing" <bbssig@tapr.org>,
" tacgps " <tacgps@tapr.org>, aprsnews, mic-e,
TAPR Regional Freq <regional_freq@tapr.org>
From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Subject: TAPR.ORG Down and now Back

TAPR.ORG was down on Saturday for a system upgrade. We installed a new processor board as well as added more memory and a new 9G HD.

Sunday morning very early, the root drive crashed and burned. Lee spent Sunday and today (Monday) recovering from the crash on root. We had backed up the system just before the upgrade, so we didn't get hit very hard. We took this time to also upgrade the OS on the system, which we had planned to in the future.

Lee got the system back operational about 6pm tonight and all aspects of the system should be operational by this posting. We will be spending the rest of tonight doing checks on various automatic operations to make sure that everything is running correctly.

Cheers - Greg

Greg Jones, WD5IVD

President TAPR (<http://www.tapr.org>)

PhD Candidate, Instructional Technology, UT Austin

email: wd5ivd@tapr.org

web: <http://www.tapr.org/~wd5ivd>

Experience is what you get when you were expecting something else.

From wd5ivd@tapr.org Tue Sep 22 17:41:59 1998

Received: from [128.83.74.103] (edb536j-2.edb.utexas.edu [128.83.74.103])

by tapr.org (8.8.5/8.8.5) with ESMTP id RAA01721;

Tue, 22 Sep 1998 17:41:55 -0500 (CDT)

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Message-Id: <v04011717b22dd78686a9@[128.83.74.103]>

Date: Tue, 22 Sep 1998 17:41:08 -0500

To: "TAPR-BB list mailing" <tapr-bb@tapr.org>

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>

Subject: 1998 ARRL and TAPR DCC this coming weekend !

Cc: "HF SIG list mailing" <hfsig@tapr.org>, " Spread Spectrum " <ss@tapr.org>,
" TAPR/AMSAT DSP " <dsp@tapr.org>,
"APRS SIG list mailing" <aprssig@tapr.org>,
"NETSIG list mailing" <netsig@tapr.org>,
"BBS SIG list mailing" <bbssig@tapr.org>,
" tacgps " <tacgps@tapr.org>, aprsnews, mic-e,
TAPR Regional Freq <regional_freq@tapr.org>

Just as a reminder the 1998 ARRL and TAPR Digital Communications Conference in Chicago, IL is happening this weekend!

The conference schedule and information is on-line at <http://www.tapr.org/dcc>
The abstract page should be on-line shortly.

Hope to see you in Chicago this weekend!

Cheers - Greg Jones, WD5IVD

Greg Jones, WD5IVD

Austin, Texas

wd5ivd@tapr.org

<http://www.tapr.org/~wd5ivd>

From stanzepa@mail2.nai.net Fri Oct 02 19:45:25 1998
Received: from mail2.javanet.com (mail2.javanet.com [205.219.162.11])
by tapr.org (8.8.5/8.8.5) with ESMTP id TAA22735
for <aprsnews@tapr.org>; Fri, 2 Oct 1998 19:45:25 -0500 (CDT)
Received: from [209.150.33.52] (ct-hartford-us637.javanet.com [209.150.33.52]) by
mail2.javanet.com (8.8.8/8.7) with SMTP id UAA04619 for <aprsnews@tapr.org>; Fri,
2 Oct 1998 20:45:22 -0400 (EDT)
Message-Id: <199810030045.UAA04619@mail2.javanet.com>
X-Mailer: Microsoft Outlook Express for Macintosh - 4.0c (197)
Date: Fri, 02 Oct 1998 20:25:58 -0400
Subject: [APRSNEWS:148] APRS Coding and HF Opportunity!
From: "Stan Horzepa" <stanzepa@mail2.nai.net>
To: aprsnews <aprsnews@tapr.org>
Mime-version: 1.0
X-Priority: 3
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Sender: Bob Bruninga <bruninga@nadn.navy.mil>
Subject: APRS Coding and HF Opportunity!

If you like neat projects, this one is fun and needed. If you can write software of any kind, please read:

There is an opportunity for someone to improve our HF performance by a factor of TEN OR MORE with no change in the protocol! Since we have the APRSserve system to distribute packets, all we need is ONE OR TWO good HF receive sites to run some special software to use intelligence to pull the weak sigs out of the noise and then digi them for all the rest of us! Here is how:

APRS uses 300 baud on HF packet. Packets are typically 100 bytes long or about 800 bits and take 3 seconds to transmit. Lets use W7LUS our 18 wheel vagabond as an example:

W7LUS-14>APRS,ECHO,GATE,WIDE,WIDE:@021234z/LAT/LONG\$CSE/SPD...

This packet is ONLY received if there is not a single bit error in all 800 bits! Thus we need about 10⁻³ bit error rate or better or we get NOTHING. Most of the time HF is worse than this...
There are several things we can do to improve this:

- 1) Make packets shorter...
- 2) Allow some errors and fix em or ignore em...

STEP1. GATE-ALL. Each digi field actually takes 7 bytes even for short calls. AND we want all HF packets widely distributed anyway, so why not drop ALL the digi fields. This saves 4*7 or 28 bytes for a 28%

Any one wanna play with this? I would love to do it, but already got too many other APRS projects to work on.. I would prefer that this be written stand alone to run on an old DOS machine so it can sit in the closet and just do the job...

bob, WB4APR

From stanzepa@mail2.nai.net Mon Oct 05 18:33:11 1998
Received: from mail2.javanet.com (mail2.javanet.com [205.219.162.11])
by tapr.org (8.8.5/8.8.5) with ESMTP id SAA08571
for <aprsnews@tapr.org>; Mon, 5 Oct 1998 18:33:10 -0500 (CDT)
Received: from [209.150.33.182] (ct-hartford-us923.javanet.com [209.150.33.182])
by mail2.javanet.com (8.8.8/8.7) with SMTP id TAA22504 for <aprsnews@tapr.org>;
Mon, 5 Oct 1998 19:33:07 -0400 (EDT)
Message-Id: <199810052333.TAA22504@mail2.javanet.com>
X-Mailer: Microsoft Outlook Express for Macintosh - 4.0c (197)
Date: Mon, 05 Oct 1998 18:58:39 -0400
Subject: [APRSNEWS:151] APRS824 posted
From: "Stan Horzepa" <stanzepa@mail2.nai.net>
To: aprsnews <aprsnews@tapr.org>
Mime-version: 1.0
X-Priority: 3
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Sender: Bob Bruninga <bruninga@nadn.navy.mil>
Subject: APRS824 posted

APRS824.zip is now posted on tapr.org in the following directory:

tapr/SIG/aprssidg/files/dosstuff/APRSdos

Nothing new, just minor cleanup items.

- * fixes bug with deadreckoning of some WX stations
- * New MAPFIX38 has EDIT-TRIM to bring all edge points inside yellow box
- * Fixes Mic-E dupes on the ALL page
- * FIxed remote U-2K wind and rain anomaly on some U-wk's

Does not fix the undertermined problem that W7LUS was having with 2 comm ports. Is he OK now? I see him on the air.. but donno what he did to fix it.

bob

From stanzepa@mail2.nai.net Thu Oct 15 19:15:46 1998
Received: from mail2.javanet.com (mail2.javanet.com [205.219.162.11])
by tapr.org (8.8.5/8.8.5) with ESMTP id TAA21174
for <aprsnews@tapr.org>; Thu, 15 Oct 1998 19:15:45 -0500 (CDT)
Received: from [209.150.34.223] (ct-hartford-us1516.javanet.com [209.150.34.223])
by mail2.javanet.com (8.8.8/8.7) with SMTP id UAA09633 for <aprsnews@tapr.org>;
Thu, 15 Oct 1998 20:15:41 -0400 (EDT)
Message-Id: <199810160015.UAA09633@mail2.javanet.com>
X-Mailer: Microsoft Outlook Express for Macintosh - 4.0c (197)
Date: Wed, 14 Oct 1998 19:21:31 -0400
Subject: FW: [APRSNEWS:155] Re: [APRSSIG:29046] Re: HF congestion
From: "Stan Horzepa" <stanzepa@mail2.nai.net>
To: aprsnews <aprsnews@tapr.org>
Mime-version: 1.0
X-Priority: 3
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Sender: Bob Bruninga <bruninga@nadn.navy.mil>
Subject: Re: [APRSSIG:29046] Re: HF congestion

```
****      The APRS HF Network is for HF mobiles and stations      ****
****      It is GATED to VHF nets as a courtesy because the VERY SLOW ****
****      HF traffic can easily be accomodated in the 1200 baud VHF nets ****
****      The reverse, VHF => to HF must be avoided...          ****
```

Its time for the periodic warning to all APRS users that the HF net can be killed if VHF users try to go backwards from VHF to HF. HF at 300 baud can only handle about 100 users at one packet every 30 minutes. That is it. Any more and the throughput goes to zero with constant collisions.

There are over 5000 people on VHF all over the country. If only ONE PERSON IN 100 or only 1% of APRS users decide to use a VHF to HF gateway, then the HF net becomes CLOGGED AND USELESS TO EVERYONE.

Please remember these guidelines:

- 1) Unless your station is actively involved in something of NATIONAL interest, do NOT use a path on VHF that includes GATE ever.
- 2) Do NOT use any VHF=>GATE path for WX stations or digipeaters!

- 3) Do NOT use any VHF=>GATE path for local mobiles
- 4) If you are on a big trip, traveling cross country, and need to communicate and do not have HF, then you might consider adding your QRM to the very fragile and narrowband HF network.
- 5) Listen before you transmit if possible. Listen to 10151 LSB and do NOT use a VHF-HF path if the channel is more than 50% full...
(statistically, an APRS frequency must be clear 67% of the time to avoid a reduction of throughput due to collisions.)
- 6) Read my HF.TXT in the APRSdos README directory...

De WB4APR, Bob

From stanzepa@mail2.nai.net Sat Nov 07 14:23:59 1998
Received: from mail1.javanet.com (mail1.javanet.com [205.219.162.10])
by tapr.org (8.8.5/8.8.5) with ESMTP id OAA17296
for <aprsnews@tapr.org>; Sat, 7 Nov 1998 14:23:58 -0600 (CST)
Received: from [209.150.36.27] (ct-hartford-us2112.javanet.com [209.150.36.27]) by
mail1.javanet.com (8.8.8/8.7) with SMTP id PAA14620 for <aprsnews@tapr.org>; Sat,
7 Nov 1998 15:23:55 -0500 (EST)
Message-Id: <199811072023.PAA14620@mail1.javanet.com>
X-Mailer: Microsoft Outlook Express for Macintosh - 4.0c (197)
Date: Sat, 07 Nov 1998 15:23:52 -0500
Subject: [APRSNEWS:159] Leonids Meteor Shower APRS TEST
From: "Stan Horzepa" <stanzepa@mail2.nai.net>
To: aprsnews <aprsnews@tapr.org>
Mime-version: 1.0
X-Priority: 3
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Sender: Bob Bruninga <bruninga@nadn.navy.mil>
Subject: Leonids Meteor Shower APRS TEST

The Leonids Meteor Shower in next week (17-18 Nov) will be an excellent opportunity to experiment with MS on 2 meters using very brief Grid Square packets. During the Persiads in 1995, APRS stations recorded over 18 DX packets on 2m of paths between 600 to 1200 miles. This year we can do much better for two reasons.

- 1) There are far more APRS stations on the air
- 2) Since all of APRS has QSY'ed to 144.39 in most areas of the country, this leaves 145.79 available for a QRM free Meteor shower 2m packet frequency!

PACKET FORMATS: The best packet is one of the APRS formats so that other stations will instantly plot you on their maps. All packets should be transmitted as UI packets. Here are several APRS formats using my station and my gridsquare of FM19DX as an example.

WB4APR>FM19DX:]-[Bob This is the Grid-In-TO format XMTed by APRSdos
in MS mode. It will be plotted by all other
APRS stations and all versions of APRS software

TNC-ONLY: This grid-in-to format can be sent by any non-
Kantronics TNC by setting the UNPROTO to your
gridsquare and setting BText to]-[xxxx...
Then set B E 1... for 10 second XMT rate.

WB4APR>BEACON:[FM19DX]Bob This format can be placed in Kantronics TNC BText and sent every 1 minute with B E 1. It is longer, and infrequent , but it will be decoded by all stations.

WB4APR>FM19DX: This is the same as Grid-in-to and can be sent by any TNC by setting UNPROTO to your GRIDSQ and then going to CONVERSE and hitting ENTER key as often as you like! See timing below: It is the shortest possible position packet!

NOTE: This format will NOT AUTOMATICALLY BE RECEIVED by other APRS stations unless they are in the Meteor scatter or GRID-IN-TO mode or have their FILTERS set to receive all packets.

APRSdos alt-S-FORMATS-MSCATTER MODE: This mode configures your station to receive GRID-IN-TO packets and to TRANSMIT them for 15 seconds continuous according to the regional timing plan. If you have less than 50 watts and dont want to QRM other locals, do not set APRSdos to MS format but set alt-S-FORMAT to grid-in-to. This way you can receive MS packets. Both of these automatically set your FILTER to OTHER...

PATHS: Do not set your UNPROTO to anything. We dont want to see any digipeaters here!

TIMING: To organize transmitting and reception periods for this test, the USA is divided into 4 regions. Each will transmit for 15 seconds and then listen for the remaining 45 seconds Starting with the Northeast at 00 seconds followed by the SEast at 15 seconds and then the SWest at 30 seconds and then the NWest at 45 seconds of each minute. All of this timing is built into APRSdos if you are running alt-S-FORMATS-MScatter mode.

ICONS: The]-[is the HOUSE Icon. Use]Y[if you are using a Yagii, or]'[if using a dish, or any of the other hundred APRS icons...

BEAMING: Point your beam at one of the other 3 quadrants and go for it!

STATION REQUIREMENTS: Although some MS packets have been seen on OMNI antennas, these are very rare. Usually about 10 dB gain from a beam is required to receive these weak packets. Transmitting stations should run as much power as possible. Anything less than 100 watts will have to be very lucky.

FREQUENCY: All stations participating should operate on 145.79 except in Southern California where 145.79 is still the main APRS channel. So here are the recommendations:

ALL USA (not SoCal): Operate MS on 145.79 for the duration of the event. You may even hear SoCal regulars...

Southern California:

- 1) Try to listen on 145.79 for weak MS packets amidst the local QRM. Dont transmit 15 sec key-down on 145.79 or you will make enemies...
- 2) Transmit high power on 144.39 and hope that someone in the rest of the USA will hear you. (But only accidentally, since the serious MS stations will all be over on 145.79). BUT you will make BIG enemies locally of the ATV people that use 144.39
- 3) Listen on 144.39 for weak DX packets from all the rest of the USA on APRS that are NOT participating in MS on 145.79

If you run APRS, see the METEORS.TXT file included in all the README files for more details. TEST beforehand. The APRSdos MScatter mode has not been used much in the last 3 years, so I hope it still works!

de WB4APR, Bob

From stanzepa@mail2.nai.net Sun Nov 08 08:56:50 1998
Received: from mail1.javanet.com (mail1.javanet.com [205.219.162.10])
by tapr.org (8.8.5/8.8.5) with ESMTP id IAA15916
for <aprsnews@tapr.org>; Sun, 8 Nov 1998 08:56:49 -0600 (CST)
Received: from [209.150.32.192] (ct-hartford-us433.javanet.com [209.150.32.192])
by mail1.javanet.com (8.8.8/8.7) with SMTP id JAA21938 for <aprsnews@tapr.org>;
Sun, 8 Nov 1998 09:56:47 -0500 (EST)
Message-Id: <199811081456.JAA21938@mail1.javanet.com>
X-Mailer: Microsoft Outlook Express for Macintosh - 4.0c (197)
Date: Sun, 08 Nov 1998 09:50:15 -0500
Subject: [APRSNEWS:161] APRS Mobile Coverage 93% complete!
From: "Stan Horzepa" <stanzepa@mail2.nai.net>
To: aprsnews <aprsnews@tapr.org>
Mime-version: 1.0
X-Priority: 3
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Sender: Bob Bruninga <bruninga@nadn.navy.mil>
Subject: APRS Mobile Coverage 93% complete!

East of the Mississippi anyway...

Looking at the latest MAPS-OVERLAYS-DIGI file built into APRS and on the www.dididahdahdidit.com/text/digis.pos WEB page, it appears that APRS Mobile coverage is almost COMPLETE east of the Mississippi! ... with a few glaring exceptions.

It might be time to just "ask". In some areas, the density of HAM operators may not be sufficient to support a digi for their own use, but in many cases, if asked, HAMS might be happy to convert an old unused NODE to serve APRS travelers through their state. Problem is, since they are not on APRS, they don't know that they are "needed".

Before we go start shaking the trees, I wanna make sure that our database is up to date and that the following black-holes are in fact, black:

- Maine - No digis
- Mississippi - No digis except around Memphis
- Georgia - No link South to FL along I-95 (Valdosta, Tifton)
- NC/SC - Nothing in Charleston, Florence or Columbia
- FLA - Nothing in FT Meyers, Ocala, FT Pierce or Lake City
- ALA - Nothing to link the north to the south near Montgomery
- WESTERN PA
- NEW YORK - Nothing in Utica, Syracuse, Watertown
- OHIO - Nothing in the east and southeast, nor in Columbus!
- KY - Nothing in the southeast nor west
- IL/IN - nothing in the southern tips
- VA - Richmond

With over 450 digipeaters, it appears that we are only about 30 short.

If your map shows digis that are in these areas that are NOT in the database, please submit them to Jeff Brenton <jeffb@espi.com>. Once we know for sure where the holes are, then it is time to go out and solicit "help". By pointing out where the "holes" are, I am confident that the local movers-n-shakers in those areas may be more than willing to help us out, when they see the big picture...

de WB4APR, Bob

West of the Mississippi, I fear the only solution is AMSAT and HF... for the wide open plains.

From wd5ivd@tapr.org Fri Nov 20 15:16:59 1998
Received: from [207.8.125.50] (greg-jones-pc1.customer.jump.net [207.8.125.50])
by tapr.org (8.8.5/8.8.5) with ESMTP id PAA02418;
Fri, 20 Nov 1998 15:16:56 -0600 (CST)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Message-Id: <v0401170cb27b8700e8cc@[207.8.125.50]>
Date: Fri, 20 Nov 1998 15:17:12 -0600
To: "TAPR APRS SIG"<aprssig@tapr.org>, aprsnews
From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Subject: APRS QSY Report and Graphic Available
Cc: " PSR "<psr@tapr.org>

The APRS QSY Report published at the ARRL and TAPR 1998 Digital
Communications Conference is now available (<http://www.tapr.org/aprsqsy>).
The audio presentation will be available next week at the DCC home page
(<http://www.tapr.org/dcc>)

The report covers:
History of 145.79
The Proposal
Results of QSY Questionnaire Survey
Status of QSY
QSY Fund
Conclusion

In addition, I have taken Jeff Brenton's, KA8VNV, monthly update graphics
he has been doing and made them into an animated GIF movie. This movie
shows the change over time. Very interesting to see the change over time.

Thanks to all those individuals how worked on this project and to the ARRL,
TAPR, and AMSAT for their support.

Cheers - Greg Jones, WD5IVD

Greg Jones, WD5IVD Austin, Texas
wd5ivd@tapr.org <http://www.tapr.org/~wd5ivd>

From wd5ivd@tapr.org Mon Nov 30 15:25:33 1998
Received: from [128.83.74.104] (edb536j-3.edb.utexas.edu [128.83.74.104])
by tapr.org (8.8.5/8.8.5) with ESMTP id PAA28557;

Mon, 30 Nov 1998 15:25:28 -0600 (CST)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Message-Id: <v04020a06b288bb17413f@[128.83.74.104]>
Date: Mon, 30 Nov 1998 15:25:13 -0600
To: "HF SIG list mailing"<hfsig@tapr.org>, " Spread Spectrum "<ss@tapr.org>,
" TAPR/AMSAT DSP "<dsp@tapr.org>,
"APRS SIG list mailing"<aprssig@tapr.org>,
"NETSIG list mailing"<netsig@tapr.org>,
"BBS SIG list mailing"<bbssig@tapr.org>,
" tacgps "<tacgps@tapr.org>, aprsnews, mic-e,
TAPR Regional Freq <regional_freq@tapr.org>,
"TAPR-BB list mailing"<tapr-bb@tapr.org>
From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Subject: 1998 ARRL and TAPR DCC Audio, Photos, Abstracts, and More

The ARRL and TAPR DCC Web page has been updated to include all recorded segments from the conference as well as a story and photo section.

Visit: <http://www.tapr.org/dcc/>

- * Listen to sessions from the 1998 ARRL and TAPR DCC over 30 hours covering
 - Keynote by Dale Hatfield, W0IF0
 - Chief of the FCC's Office of Engineering and Technology
 - APRS National Symposium
 - Packet Radio Users Group of Japan (PRUG) Technical Seminar
 - Technical Paper Presentations
 - Introductory Sessions
 - Introduction to Spread Spectrum
 - Introduction to PIC Development
 - Introduction to MMDS/LMDS
 - Friday Technical Seminar featuring Don Lemke, WB9MJN on
 - Infrastructureless Packet Radio Networks
 - Sunday Technical Seminars featuring:
 - Lyle Johnson, WA7GXD -
 - RUDAK digital communications system
 - Tim Shepard, KD1YK -
 - Packet Radio Networks with Millions or Billions of Stations

* 1998 Conference Overview Story

* Look at photos from the 1998 ARRL and TAPR DCC

* Review Abstracts from 1998 Proceedings

* Check out past Digital Communication Conferences Audio and Abstracts

as of now, the 1999 ARRL and TAPR DCC will be hosted in Phoenix, AZ in Sept '99. More information will be posted once a date and location has been decided.

Tucson Amateur Packet Radio
8987-309 E Tanque Verde Rd #337 * Tucson, Az * 85749-9399

e-mail: tapr@tapr.org web: <http://www.tapr.org/>
ftp: [ftp.tapr.org](ftp://ftp.tapr.org)
phone: 940-383-0000 fax: 940-565-2544

From wd5ivd@tapr.org Tue Dec 29 00:58:42 1998
Received: from [207.43.172.66] ([207.43.172.66])
by tapr.org (8.8.5/8.8.5) with ESMTP id AAA01477;
Tue, 29 Dec 1998 00:58:33 -0600 (CST)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Message-Id: <v04020a20b2ae2874411e@[207.43.172.66]>
Date: Tue, 29 Dec 1998 00:57:57 -0600
To: "HF SIG list mailing"<hfsig@tapr.org>, " Spread Spectrum "<ss@tapr.org>,
" TAPR/AMSAT DSP "<dsp@tapr.org>,
"APRS SIG list mailing"<aprssig@tapr.org>,
"NETSIG list mailing"<netsig@tapr.org>,
"BBS SIG list mailing"<bbssig@tapr.org>,
" tacgps "<tacgps@tapr.org>, aprsnews, mic-e,
TAPR Regional Freq <regional_freq@tapr.org>
From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Subject: TAPR FTP Site
Cc: "Bill Westradio Pasternak"<billwa6itf@aol.com>,
"Len KB7LPW Winkler"<lenwink@indirect.com>,
"Hap KC9RP RAIN Holly"<hholly@ais.net>,
"Greg Jones WD5IVD" <wd5ivd@tapr.org>, "Rich CQ VHF"<CQVHF@aol.com>,
"Gagne, Jennifer, N1TDY" <jgagne@arrl.org>,
"Donald Rotolo"<73227.2644@compuserve.com>,
"Stan Horzempa"<stanzepa@nai.net>,
" Bob Hansen (TAPR) "<psr@tapr.org>,
"Ham Radio On-line" <vbook@vbook.com>,
" Tom McDermott "<mcdermot@eagle.aud.alcatel.com>,
<rlindquist@arrl.org>, "Brad Smith, KC5SP" <brads@galstar.com>

Please be aware that the TAPR FTP site (<ftp://ftp.tapr.org>) has undergone a major reorganization as part of the upcoming web site restructuring and redesign.

If you have links on web pages that reference into our ftp site, please take a moment to check them and update those URLs to reflect the changes at our site.

The shallower directory structure should make things easier for individuals visiting our site to find files and information.

Sorry for any inconvenience this might cause.

Cheers - Greg Jones, WD5IVD
TAPR

The new FTP directory structure:

ftp://ftp.tapir.org

Top Level:

- aprssig/
 - WinMacData/
 - aprsnews/
 - dosstuff/
 - APRSdos/
 - DOSmisc/
 - garmin/
 - history/
 - javastuff/
 - linux/
 - macstuff/
 - MacAPRS/
 - MacGPS/
 - MacMisc/
 - PacketTracker/
 - mail_archive/
 - maps/
 - 100K_Not_On_CD/
 - MacMaps/
 - PCMaps/
 - WinMacMaps/
 - mic-e/
 - movies/
 - palmstuff/
 - palmaprs/
 - palmmaps/
 - palmmisc/
 - palmos/
 - presentations/
 - shlib/
 - upload/
 - winstuff/
 - APRSPLUS/
 - Waypoint/
 - WinAPRS/
 - WinMisc/
- bbssig/
 - mail_archive/
- das/
 - mail_archive/
- dcc/

dsp/

- dsp56000/
- dsp56001/
- dsp56002/
- mail_archive/
- psa_sound_card/
- recent_uploads/
- tms320c10/
- tms320c26/
- tms320c50/
- upload/

dsp93/

- Paccomm_eproms/
- diskettes/
- dsp93_eproms/
- mail_archive/
- manuals/
- schems/
- simulators/
- software/
- software.list
- source/
- stlouis.wrksbp.95/
- updates/
- upload/
- util/

general/

- 9600baud/
- ALINCO/
- ICOM/
- KENWOOD/
- MOTOROLA/
- YEASU/

gps/

- HPAN52-2/
- garmin/
- motorola/

hfsig/

- mail_archive/

info/

- kits/
- logos/
- publications/

- netsig/
 - mail_archive/
- psr/
- pub/
- regional_freq/
 - mail_archive/
- software_lib/
 - DEMOS/
 - Linux/
 - RF/
 - UPLOAD/
 - an93/
 - bbs/
 - dsp/
 - gps/
 - listing
 - misc/
 - sat/
 - switch/
 - tcpip/
 - terminal/
 - thenet.txt
 - tnc/
 - utils/
 - weather/
- ss/
 - mail_archive/
 - SS_STA/
 - dcc97_ss_seminar/
- tac2/
 - mail_archive/
- talnet/
- tapr-bb/
 - mail_archive/
- tapr-tnc/
 - mail_archive/
- utils/

Greg Jones, WD5IVD Austin, Texas
wd5ivd@tapr.org <http://www.tapr.org/~wd5ivd>

From stanzepa@mail2.nai.net Wed Dec 30 18:50:42 1998
Received: from mail1.javanet.com (mail1.javanet.com [205.219.162.10])
by tapr.org (8.8.5/8.8.5) with ESMTP id SAA03906
for <aprsnews@tapr.org>; Wed, 30 Dec 1998 18:50:42 -0600 (CST)
Received: from [209.150.32.138] (ct-hartford-us327.javanet.com [209.150.32.138])
by mail1.javanet.com (8.8.8/8.7) with SMTP id TAA20434 for <aprsnews@tapr.org>;
Wed, 30 Dec 1998 19:50:40 -0500 (EST)
Message-Id: <199812310050.TAA20434@mail1.javanet.com>
X-Mailer: Microsoft Outlook Express for Macintosh - 4.0c (197)
Date: Wed, 30 Dec 1998 19:27:18 -0500
Subject: [APRSNEWS:168] New SIG for the Kenwood THD7A/E
From: "Stan Horzepa" <stanzepa@mail2.nai.net>
To: aprsnews <aprsnews@tapr.org>
Mime-version: 1.0
X-Priority: 3
Content-type: text/plain; charset="ISO-8859-1"
Content-transfer-encoding: 7bit

TAPR is pleased to announce the formation of a new special
interest group, the HTAPRS SIG.

The purpose of HTAPRS is to provide a forum for the discussion
of issues related to the Kenwood THD7A/E transceiver. (HTAPRS
is also intended to lessen the number of messages on TAPR's
APRSSIG by moving THD7A/E traffic off that SIG.)

To subscribe to the HTAPRS mail list, send email to
listserv@tapr.org with the following text in the body of the
message:

subscribe htaprs your_first_name your_last_name

From stanzepa@mail2.nai.net Wed Dec 30 18:54:47 1998
Received: from mail1.javanet.com (mail1.javanet.com [205.219.162.10])
by tapr.org (8.8.5/8.8.5) with ESMTP id SAA04178
for <aprsnews@tapr.org>; Wed, 30 Dec 1998 18:54:47 -0600 (CST)
Received: from [209.150.32.138] (ct-hartford-us327.javanet.com [209.150.32.138])
by mail1.javanet.com (8.8.8/8.7) with SMTP id TAA31450 for <aprsnews@tapr.org>;
Wed, 30 Dec 1998 19:54:45 -0500 (EST)

Message-Id: <199812310054.TAA31450@mail1.javanet.com>
X-Mailer: Microsoft Outlook Express for Macintosh - 4.0c (197)
Date: Wed, 30 Dec 1998 19:55:42 -0500
Subject: [APRSNEWS:169] APRSdos version 827
From: "Stan Horzepa" <stanzepa@mail2.nai.net>
To: aprsnews <aprsnews@tapr.org>
Mime-version: 1.0
X-Priority: 3
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Sender: Bob Bruninga <bruninga@nadn.navy.mil>
Subject: APRSdos version 827

A few of you beta-tested yesterdays 827. It has been reposted today with these new features and fixes:

APRS827 30 Dec Re-Release

- * Changed INPUT-MY-RADAR map display to a gray box.
- * Fixed ERROR5 on all own-station GPS modes NMEA
- * Added AA: to Autoanswer REPLY messages (and fixed 826 bug)
- * Fixed own-symbol problem when in GPS modes. (ICON wouldnt show)
- * Finally fixed the CANT-FIND-COMMA problem on long packets
- * Added leading zero in Barometric readings
- * Added INITTHD7.TNC file and menu for the Kenwood HT

Some of you have not upgraded past 824 due to some GPS anomolies, so here is what is new since 824:

APRS826 10 Dec

- * Fixed .HST files DUPE problem. .HST files were keeping all copies
- * New DUPE filter gives better PATHS on the DIGIS page and better HEARD
- * Now only the EMERGENCY Mic-E message triggers alarms (not the Priority)
- * Fixed MY\$ GPS mode so that your ICON would keep its assigned value
- * OPS-FIND command now remembers last entry making repetitive FINDS easy
- * Fixed ability to find !POSIT format in Net-rom and other BTexts

APRS825 9 Nov re-release to fix problem with U-2000 WX stations

- * Also changed ERASE command to allow greater than line # 9

APRS825 6 Nov 98

- * Fixed MAPFIX39 TRIM and cursor anomolies at high latitudes..
- * Fixed some format problems with remote WX stations
- * Alt-S-TNC now allows you to specify any INITxxx.TNC file.
- * Eliminated the black line artifacts in the MAPS-OVERLAYS
- * Added MAPS-OVERLAYS-ATV file to show ATV and shuttle xmt sites
- * Moved all of ARK, MISS, and LOUIASANA maps to S0mapsxx.zip
- * Moved all of Alaska maps to NWmapsxx.zip
- * Moved all of the .BAS auxilliary programs to PROGRAMS directory

Enjoy,
WB4APR, Bob

wallou@tapr.org
<http://www.tapr.org/~wallou>
One Glen Ave., Wolcott, CT 06716-1442

To post an announcement to the APRS NEWS SIG, send it to:

aprsnews@lists.tapr.org

To unsubscribe from this mailing list, surf to:

<http://www.tapr.org/cgi-bin/lyris.pl?enter=aprsnews>

or send email to:

lyris@lists.tapr.org

with the following line in the body of the message:

unsub aprsnews

The host of this list is:

Tucson Amateur Packet Radio (TAPR)
tapr@tapr.org
<http://www.tapr.org>
8987-309 E Tanque Verde Rd. #337, Tucson, AZ 85749-9399,
phone 940-383-0000, fax 940-566-2544

Just so that you have all the commands neatly contained in one place, here is just about everything you will need to know. Note that this list is running on a Lyris server. Please be aware that the commands might be different from those that you are used to using on other list servers. (For more information on Lyris, see <http://www.lyris.com/>.)

1. First of all, almost everything that you might need to do on the server is most easily and effectively performed via Lyris's Web interface at <http://www.tapr.org/cgi-bin/lyris.pl>.

2. In case you do not have Web access, here are some key commands; in all cases, the default server address is: <lyris@lists.tapr.org>. Other addresses are shown where appropriate. Note that commands may be placed in either the subject line or in the body of the message:

SUBSCRIBING:

```
subscribe aprsnews your_name
join aprsnews your_name
alternate address: join-aprsnews@lists.tapr.org
```

UNSUBSCRIBING:

```
unsubscribe aprsnews
leave aprsnews
alternate address: leave-aprsnews@lists.tapr.org
```

SETTING MEMBERSHIP TO DIGEST MODE:

```
set aprsnews digest
```

SETTING MEMBERSHIP TO INDEX MODE:

```
set aprsnews index
```

SETTING MEMBERSHIP TO DISCUSSION MODE:

```
set aprsnews mail
```

TEMPORARILY SUSPENDING MAIL FROM THE LIST:

```
set aprsnews nomail
```

RESUMING MAIL FROM THE LIST:

(command depends on your preferred mode)

```
set aprsnews mail
set aprsnews digest
set aprsnews index
```

ACKNOWLEDGMENT:

```
set aprsnews ack
(sends you a confirmation message when your posts are sent)
set aprsnews noack
(no confirmation message when posts are distributed)
```

RECEIVING COPIES OF YOUR OWN POSTS:

```
set aprsnews repro
(receive copies of your own posts)
set aprsnews norepro
(do not receive copies of your own posts)
```

SETTING YOUR PASSWORD:

```
set aprsnews pw=mypassword
```


(where "mypassword" is the password you wish to set)

DETERMINING YOUR MEMBERSHIP SETTINGS:

query aprsnews

RETRIEVING THE CURRENT VERSION OF THIS DOCUMENT:

get aprsnews hello

MORE INFORMATION ON LYRIS'S COMMANDS:

help

POSTING TO THE LIST:

You must be a subscriber to post messages. Sending mail to this address will distribute it to all the members of the mailing list: aprsnews@lists.tapr.org

3. CHANGING YOUR SETTINGS/ADDRESS VIA THE WEB INTERFACE: To do this, go to <http://www.tapr.org/cgi-bin/lyris.pl> and click the link in the "Change Your Settings" section. You'll need to enter your e-mail address and password (if you chose one) to continue.

(If you've forgotten your password, you can type in your e-mail address in the field at the bottom of the page and click "Get password" to request Lyris to e-mail your password to you.)

At the following page, you can read messages, post a message, adjust your settings, or unsubscribe. From the settings page, you can change your status (MAIL, DIGEST, INDEX, or NOMAIL), choose whether or not to see your own messages, and choose whether or not you want to receive a separate acknowledgement via e-mail when one of your messages is posted to the list. You can also change your e-mail address if you need to. When you change your settings, make sure you click the "Save" button at the bottom of the page.

4. ARCHIVES: The aprsnews SIG archives are available on the Web, at the following URL: <http://www.tapr.org/sigf.html>
5. BOUNCED MAIL: One of the key features of Lyris is its ability to handle mail bounces transparently to the list owner; as such, bounced mail will be handled primarily by the Lyris list server.
6. POSTS/REPLIES FROM DIGEST USERS: You *must* change the Subject: line

when replying to a digest; all posts with "aprsnews DIGEST" in the Subject: line will be rejected by the server (you will receive a "rejection letter" when this happens).

APRS(r) is registered to Bob Bruninga, WB4APR.

From stanzepa@mail2.nai.net Sat Jan 02 09:43:36 1999
Received: from mail1.javanet.com (mail1.javanet.com [205.219.162.10])
by tapr.org (8.8.5/8.8.5) with ESMTP id JAA12758
for <aprsnews@tapr.org>; Sat, 2 Jan 1999 09:43:35 -0600 (CST)
Received: from [209.150.34.72] (ct-hartford-us1209.javanet.com [209.150.34.72]) by
mail1.javanet.com (8.8.8/8.7) with SMTP id KAA25875 for <aprsnews@tapr.org>; Sat,
2 Jan 1999 10:43:33 -0500 (EST)
Message-Id: <199901021543.KAA25875@mail1.javanet.com>
X-Mailer: Microsoft Outlook Express for Macintosh - 4.0c (197)
Date: Sat, 02 Jan 1999 10:42:34 -0500
Subject: [APRSNEWS:173] APRS Kids Game
From: "Stan Horzepa" <stanzepa@mail2.nai.net>
To: aprsnews <aprsnews@tapr.org>
Mime-version: 1.0
X-Priority: 3
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit
Status: OR

Sender: Bob Bruninga <bruninga@nadm.navy.mil>
Subject: APRS Kids Game

Up for a challenge?

Finally hooked the kids computers to mine via the spare 2 conductors in the phone lines and running them in ZIP-LAN mode so they can see everything I see and can send messages back and forth to each other and me.

What quickly became apparent was that they need a challenge to keep their interest (ages 9 and 11). I found myself posing questions like, find Grandma's house. How far is it to school? Find the White House. Where is W7LUS-14? I found it hard to keep ahead of them. Which lead to the following idea.

If you have seen the educational Board game, or kids TV show called "where in the world is Carman SanDiego" you can see that it could almost be played on APRS. If someone wanted to take on the challenge to prepare a "game" like scenario, it might be useful for us parents to get the kids intersted in learning at least the fundamental operations of APRS.

THoughts: I'm not talking about code-writing, but simply writing a "scavenger hunt" kind of TEXT file to lead the kids through "discovery" of the world about them (using APRS as a tool only)...

- 1) There might need to be a few age-levels of play and challenges
- 2) It will probably need to be version specific (one for DOS, Mac/Win,etc)
- 3) For APRSdos for example, there might be one for each of my major MAP distros (so the little ones dont have to MCC between maplsits). One for the EAS area, one for the WES and so forth...
- 4) Dont overlook math challenges for the older age group such as "Put the Concord on the map at DULLES airport flying south west at 700 KT's, when will it arrive in Dallas?... How fast is that in MPH? KPH?

I know the DOS maps are sketchy, but so is a 2 foot square BOARD game. If you need me to add any national or historical landmarks to any of my standard maps, ia am MORE than happy to do so... Just give me exact LAT/LONGS it will help the APRS mobile tourists too.

A lot of people want to play with APRS and contribute something. Those of you with kids might find this fun.

Two other recent experiences fueled this idea:

1) Having finally bought a Win98 PC for the family for XMAS and opened up a free trial AOL account, it only took me about 1 hour to cancel the whole thing. The last thing I want my kids doing is playing games over a phone line and visiting CHAT rooms! Also, I visited a chat room and was discusted. It was worse than here on this sig (grin.. only kidding)...

2) A Naval Academy Alumni called yesterday and wanted to come buy and visit the Radio Club. He talked of the good ole days when he was there. I admitted to him that the club is virtually dead. As the FIRST official extra curricular activity at the Academy back in the 1930's, it was once a high visibility group. When I came here in 1983 we had as many as 30 students and most were licensed (out of a student body of 4000). Since then I have seen a steady decline to where we only have 4 or 5 interested and only 2 have licenses.

I feel that I/we must do something or my kids will not know the joy I have had in a wonderfull hobby...

de WB4APR, Bob

From stanzepa@mail2.nai.net Sat Jan 02 09:43:38 1999
Received: from mail1.javanet.com (mail1.javanet.com [205.219.162.10])
by tapr.org (8.8.5/8.8.5) with ESMTP id JAA12776
for <aprsnews@tapr.org>; Sat, 2 Jan 1999 09:43:37 -0600 (CST)
Received: from [209.150.34.72] (ct-hartford-us1209.javanet.com [209.150.34.72]) by
mail1.javanet.com (8.8.8/8.7) with SMTP id KAA00752 for <aprsnews@tapr.org>; Sat,
2 Jan 1999 10:43:35 -0500 (EST)
Message-Id: <199901021543.KAA00752@mail1.javanet.com>
X-Mailer: Microsoft Outlook Express for Macintosh - 4.0c (197)
Date: Sat, 02 Jan 1999 10:43:05 -0500
Subject: [APRSNEWS:174] Another Packet Meteor Opportunity
From: "Stan Horzepa" <stanzepa@mail2.nai.net>
To: aprsnews <aprsnews@tapr.org>
Mime-version: 1.0
X-Priority: 3
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit
Status: OR

Sender: Bob Bruninga <bruninga@nadm.navy.mil>
Subject: Another Packet Meteor Opportunity

W2EV has suggested the following simple method for running PACKET
Meteor Scatter (Jan 2-4 Quads) for stations without APRS.. For the next
two nights, consider setting up your packet station as you go to bed and
leave it on all night to see what you collect by noon the next day:

Freqs 145.79 MHz (2 day test ONLY! This is the future Mir/ISS freq!)
53.53 MHz (PropNet Freq (uses APRS to see band openings)

For those with KPC3's with ROM 8.2 or above... or PacComms of 4.0 or
better do RESTORE command to get back to factory defaults. The
following are KPC3 specific, but similar commands will set up the
PacComm TNC's.

- 1) Do the autobaud to get your baudrate set...
- 2) Enter your MYCALL
- 3) Enter INTERFACE TERM <--- for KPC3's)
- 4) CD SOFTWARE
- 5) DAY YYMMDDHHMM <--ENTER DATE AND TIME FOR PROPER LOGGING
- 6) CMSG DISC
- 7) HEADERLN OFF
- 8) HID OFF
- 9) MXMIT OFF
- 10) LT 1 [FN03XD] <--PLACE YOUR GRID SQUARE LOCATOR here
- 11) LTP CQ VIA TRACE1-1 <--Sets your digi path via TRACE
- 12) UITRACE TRACE,1 <--Causes ur TNC to digi others & insert ur call

(In a Paccomm set MYAlias to TRACE1-1)

13 BLT 1 00:00:05 <-- CAUSES YOUR STATION TO SEND ONCE EVERY 5-SECONDS

The following will happen:

Once every 5-seconds, your TNC will send a packet with your gridsquare in APRS format so you will automatically show up on APRS maps. If any other similarly configured station hears your packet, it will SUBSTITUE its MYCALL in place of your TRACE digipeater field so that you can see WHO heard you and digipeated it BACK via the same Meteor burn! You will need to keep a dumb terminal program running to capture any such responses.

And/Or a simple MHEARD will provide you with a list of the last 10 DX callsigns copied (or local if you have others in your area playing, too).

Ev, W2EV

All previous APRS meteor scatter tests have assumed blind transmissions and hopeful QSL's after the fact. This idea by Ev, takes advantage of the instant digipeat and CALLSIGN-SUBSTITUTION of the current KPC3 and PacComm APRS compatible TNC's so that you will see YOUR OWN SUCCESSES in real time and you will know WHAT station digipeated you! Neat idea Ev!

If you dont have one of these modern TNC's, then you wont digipeat anyone, but you can still do it and others may see you and QSL here... And you may capture some packets too.

METEOR SCATTER works best with high power and beams. Point your beam at the horizon towards a major population area about 600 to 1000 miles away. You WILL capture something if others are playing. During the Leonids, over 37 stations copied over 48 such packets over paths of 600 to 1100 miles.

de WB4APR, Bob

From stanzepa@mail2.nai.net Tue Jan 05 18:54:57 1999

Received: from mail1.javanet.com ([205.219.162.10])

by tapr.org (8.8.5/8.8.5) with ESMTP id SAA19834

for <aprsnews@tapr.org>; Tue, 5 Jan 1999 18:54:56 -0600 (CST)

Received: from [209.150.32.121] (ct-hartford-us310.javanet.com [209.150.32.121])

by mail1.javanet.com (8.8.8/8.7) with SMTP id TAA21139 for <aprsnews@tapr.org>;

Tue, 5 Jan 1999 19:54:13 -0500 (EST)

Message-Id: <199901060054.TAA21139@mail1.javanet.com>

X-Mailer: Microsoft Outlook Express for Macintosh - 4.0c (197)

Date: Tue, 05 Jan 1999 19:27:41 -0500
Subject: [APRSNEWS:181] APRSdos827 improvements
From: "Stan Horzepa" <stanzepa@mail2.nai.net>
To: aprsnews <aprsnews@tapr.org>
Mime-version: 1.0
X-Priority: 3
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit
Status: OR

Sender: Bob Bruninga <bruninga@nadn.navy.mil>
Subject: APRSdos827 improvements

Couldnt resist adding a few requested items...

APRS827 3 Jan re-release

- * Added ability to display CSE:SPD/alt in place of callsigns on map
- * Select this ability in the MAPS-FEATURES-CALLS menu or WX-CALLS
- * Made LATEST-STATUS page show which are Mic-E's and which are TH-D7's
- * Removed Validation # for DF. DF is Free! More people need to use it!
- * Added PURGE command to HOOK on P-LIST. It will Purge all prior entries.
You will want to do a FILE-ORDER first if you want to purge old entries.

APRSMAX was also updated..

de WB4APR

From stanzepa@mail2.nai.net Tue Jan 05 18:54:59 1999
Received: from mail1.javanet.com ([205.219.162.10])
by tapr.org (8.8.5/8.8.5) with ESMTP id SAA19867
for <aprsnews@tapr.org>; Tue, 5 Jan 1999 18:54:58 -0600 (CST)
Received: from [209.150.32.121] (ct-hartford-us310.javanet.com [209.150.32.121])
by mail1.javanet.com (8.8.8/8.7) with SMTP id TAA04423 for <aprsnews@tapr.org>;
Tue, 5 Jan 1999 19:54:15 -0500 (EST)
Message-Id: <199901060054.TAA04423@mail1.javanet.com>
X-Mailer: Microsoft Outlook Express for Macintosh - 4.0c (197)
Date: Tue, 05 Jan 1999 19:31:18 -0500
Subject: [APRSNEWS:180] APRS Nationwide Coverage needs help
From: "Stan Horzepa" <stanzepa@mail2.nai.net>
To: aprsnews <aprsnews@tapr.org>
Mime-version: 1.0

X-Priority: 3
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit
Status: OR

Sender: Bob Bruninga <bruninga@nadn.navy.mil>
Subject: APRS Nationwide Coverage needs help

Even if you are not into APRS, you might be able to help your fellow HAM travelers through your area of the country. An analysis of all the APRS digipeaters in the USA shows the following statistics at the end of 1998.

EAST of Mississippi: 82% of population is covered by APRS digipeaters
52% of the area is covered

WEST of Mississippi: 57% of the population is covered by APRS
28% of the area is covered.

Remember, with the new Kenwood HT, as long as you are in the APRS coverage area, you have nationwide 2-way messaging capability in your pocket! Our OBJECTIVE is to at least cover the major thoroughfares (and hub Airports) for travelers. Notable weak areas in the east (though work is in progress) are:

South Georgia, Eastern NC
Western PA, WV, N.central NY state
Mississippi,
Southern IL/IN, Western KY

In the West, the biggest worry is UTAH for the Olympics! Plus:

TEXAS needs links between major centers of activity
S.Arkansas and N.Louisiana
Wyoming, Montana, Oregon

All it takes to set up an APRS digipeater is a TNC and a radio on 144.39 to serve your area. If packet has died in your area, or for any other reason you have an available high antenna and spare TNC, we could sure use you on 144.39. Come join us.

To see the existing coverage browse: <http://www.aprs.org>
and click on the link about midway down labeled DIGIPEATERS...

de WB4APR, Bob

From stanzepa@mail2.nai.net Tue Jan 05 18:55:01 1999
Received: from mail1.javanet.com ([205.219.162.10])
by tapr.org (8.8.5/8.8.5) with ESMTP id SAA19885
for <aprsnews@tapr.org>; Tue, 5 Jan 1999 18:55:00 -0600 (CST)
Received: from [209.150.32.121] (ct-hartford-us310.javanet.com [209.150.32.121])
by mail1.javanet.com (8.8.8/8.7) with SMTP id TAA12092 for <aprsnews@tapr.org>;
Tue, 5 Jan 1999 19:54:16 -0500 (EST)
Message-Id: <199901060054.TAA12092@mail1.javanet.com>
X-Mailer: Microsoft Outlook Express for Macintosh - 4.0c (197)
Date: Tue, 05 Jan 1999 19:31:33 -0500
Subject: [APRSNEWS:179] WinAPRS 2.2.3 posted on Rutgers and Tapr
From: "Stan Horzepa" <stanzepa@mail2.nai.net>
To: aprsnews <aprsnews@tapr.org>
Mime-version: 1.0
X-Priority: 3
Content-type: text/plain; charset="ISO-8859-1"
Content-transfer-encoding: 7bit
Status: OR

From: Mark Sproul [mailto:msproul@ap.org]
Sent: Monday, January 04, 1999 2:47 PM
To: aprssig@tapr.org
Subject: [APRSSIG:32416] WinAPRS 2.2.3 posted on Rutgers and Tapr

Rutgers site at <ftp://aprs.rutgers.edu/pub/hamradio/APRS/WinAPRS/>
TAPR site at <ftp://ftp.tapr.org/aprssi/winstuff/WinAPRS/>

MacAPRS Version 3.2.3
WinAPRS Version 2.2.3

Total rewrite of all protocol parsing code
Added support for using images for maps
Added support for internet based Map servers (tiger and mapblast)
Added support for internet based Intellicast Weather Maps
Changed map window buttons to Icons

TCP/IP options are now set in a dialog box and remembered
IGates will now forward individual messages to Internet EMail if
formatted correctly
Message delivery changed from parallel to sequential
Message numbers increased to 3 digits (easier sorting of messages)
Fixed several minor bugs in the message window display and searching
Added Special Stations file for IGating, Flagging and other settings
of stations
KISS mode now supported
Ability to upload waypoints to Garmin GPS units (Editing of Waypoints
not finished)
Mac version can extract screen shots from Garmin GPS units that
support it (GPS III, Street Pilot)

And many bug fixes

Mark Sproul	
Software Engineer @ Assoc Press	Work: 609-860-7120
msproul@ap.org	Fax: 609-860-7129

From stanzepa@mail2.nai.net Thu Jan 07 20:50:52 1999
Received: from mail1.javanet.com (mail1.javanet.com [205.219.162.10])
by tapr.org (8.8.5/8.8.5) with ESMTP id UAA26584
for <aprsnews@tapr.org>; Thu, 7 Jan 1999 20:50:51 -0600 (CST)
Received: from [209.150.39.119] (ct-hartford-hiper2292.javanet.com
[209.150.39.119] (may be forged)) by mail1.javanet.com (8.8.8/8.7) with SMTP id
VAA18234 for <aprsnews@tapr.org>; Thu, 7 Jan 1999 21:50:49 -0500 (EST)
Message-Id: <199901080250.VAA18234@mail1.javanet.com>
X-Mailer: Microsoft Outlook Express for Macintosh - 4.0c (197)
Date: Thu, 07 Jan 1999 21:48:20 -0500
Subject: [APRSNEWS:191] (Corrected) APRS/MIR test 8-13 Feb
From: "Stan Horzepa" <stanzepa@mail2.nai.net>
To: aprsnews <aprsnews@tapr.org>
Mime-version: 1.0
X-Priority: 3
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit
Status: OR

Sender: Bob Bruninga <bruninga@nadn.navy.mil>
Subject: (Corrected) APRS/MIR test 8-13 Feb

This copy has corrected WEB links:

We get another great opportunity.... Here is what I just posted on AMSAT and SAREX. I am snowed under especially the week before the event, so I need someone to volunteer to be an ELMER for schools needing help (via Email)... de WB4APR

MIR/APRS SCHOOL Club Roundup

The annual ARRL School Club Roundup (SCR) event runs from 8 to 13 Feb 1999 and has the objective to get as many SCHOOLS on the air as possible (all bands all modes). Coincidentally, the Space station MIR's orbit during that week is over the USA during school hours and so makes an ideal opportunity for the students to participate in satellite communications as well.

As part of the ongoing APRS/MIR/School experiments, MIREX Dr. Larson has endorsed the maximum participation of all schools to use the MIR digipeater to exchange communications between schools during this week long event (do not connect to MIR). APRS style (UI) operations can handle as many as 100 stations per pass, so any school with a 2 meter FM radio, omni whip antenna and a TNC should be successful on 145.985 MHz. The APRS/MIR portion of this event is NOT A CONTEST, but an opportunity for students and schools to learn about space communications.

Everyone is encouraged to contact a local school science teacher and schedule a time period during that week when you can help set up and/or operate a school club station. Even if you cannot transmit for some reason, the LIVE MIR downlink is always visible on the Naval Academy's MIREX web page:

<http://web.usna.navy.mil/~bruninga/mirex.html>

This page shows the results of last years APRS/MIR testing and will be updated with specific details about the SCR event (if any).

The ARRL School Club Roundup contest is described on page 92 of QST january, 1999 or see <http://www.arrl.org/contests>.

de WB4APR, Bob

Via the sarex mailing list at AMSAT.ORG courtesy of AMSAT-NA.
To unsubscribe, send "unsubscribe sarex" to Majordomo@amsat.org

From stanzepa@mail2.nai.net Mon Jan 11 17:48:16 1999
Received: from mail1.javanet.com (mail1.javanet.com [205.219.162.10])
by tapr.org (8.8.5/8.8.5) with ESMTP id RAA06972
for <aprsnews@tapr.org>; Mon, 11 Jan 1999 17:48:16 -0600 (CST)
Received: from [209.150.38.242] (ct-hartford-hiper2240.javanet.com
[209.150.38.242]) by mail1.javanet.com (8.8.8/8.7) with SMTP id SAA11597 for
<aprsnews@tapr.org>; Mon, 11 Jan 1999 18:48:14 -0500 (EST)
Message-Id: <199901112348.SAA11597@mail1.javanet.com>
X-Mailer: Microsoft Outlook Express for Macintosh - 4.0c (197)
Date: Mon, 11 Jan 1999 18:48:43 -0500
Subject: MacAPRS 3.2.3 up on Rutgers
From: "Stan Horzepa" <stanzepa@mail2.nai.net>
To: aprsnews <aprsnews@tapr.org>
Mime-version: 1.0
X-Priority: 3
Content-type: text/plain; charset="ISO-8859-1"
Content-transfer-encoding: 7bit
Status: OR

From: Mark Sproul <msproul@ap.org>
To: aprssig@tapr.org
Subject: [APRSSIG:32669] MacAPRS 3.2.3 up on Rutgers
Date: Mon, Jan 11, 1999, 12:09 PM

I have posted MacAPRS 3.2.3 on Rutgers

<ftp://aprs.rutgers.edu/pub/hamradio/APRS/MacAPRS/>

Both the 68K and PPC version

I also fixed the PPC version so it does not require the Apperance manager

Mark

Mark Sproul	
Software Engineer @ Assoc Press	Work: 609-860-7120
msproul@ap.org	Fax: 609-860-7129

From stanzepa@mail2.nai.net Wed Jan 13 19:34:34 1999
Received: from mail1.javanet.com (mail1.javanet.com [205.219.162.10])
by tapr.org (8.8.5/8.8.5) with ESMTP id TAA22321
for <aprsnews@tapr.org>; Wed, 13 Jan 1999 19:34:33 -0600 (CST)
Received: from [209.150.36.68] (ct-hartford-us1215.javanet.com [209.150.36.68]) by
mail1.javanet.com (8.8.8/8.7) with SMTP id UAA13573 for <aprsnews@tapr.org>; Wed,
13 Jan 1999 20:34:30 -0500 (EST)
Message-Id: <199901140134.UAA13573@mail1.javanet.com>
X-Mailer: Microsoft Outlook Express for Macintosh - 4.0c (197)
Date: Wed, 13 Jan 1999 20:01:23 -0500
Subject: [APRSNEWS:201] APRS+SA v0922 available for download
From: "Stan Horzepa" <stanzepa@mail2.nai.net>
To: aprsnews <aprsnews@tapr.org>
Mime-version: 1.0
X-Priority: 3
Content-type: text/plain; charset="ISO-8859-1"
Content-transfer-encoding: 7bit
Status: OR

Sender: "Brent Hildebrand" <bhildebrand@earthlink.net>
Subject: APRS+SA v0922 available for download

January 13, 1999

APRS+SA v0.9.22 Release Notes:

1) New Profile page in Setup. This includes entries for Power, Height and Gain (PHG) and a number of other parameters. All parameters except PHG, can be queried remotely by sending a directed message. All default parameters can be queried directly from the Send Message window via the ?Query? button. These parameters can be queried by prior versions of all APRS programs by sending the appropriate ?query? text in a standard APRS message. The following Queries are directly supported in v0.9.22.

?NAME? Name
?LOC? Location
?EMAIL? Email address
?HTTP? Home web page
?TAC? Tactical Callsign

Also included on the Profile page is a edit box for entering additional profile strings. Each line is a unique entry and the first word on a line contains the query key. Sending ?PROFILE? will return a list of all available profile keys. An entry may be like the following:
ARC Loma Linda University Amateur Radio Club

The Query key is ?ARC?. The key can be "discovered" by sending ?PROFILE?

Additionally, the file Data.txt is also supported in the same manner as the Profile page. Data.txt can be generated automatically by a concurrently running process. The keys and data content can be queried by sending ?DATA?.

Note, the text in "?query?" is case independent. ?QUERY? is the same as ?Query?. Also note, that all ?QUERY? packets generated do not have line numbers, and are not queued for automatic repeat transmissions as are the responses. Profile text parameters are considered low priority messages. APRS+SA v0922 will respond to queries that do have line numbers that may come from older versions of APRS+SA or other APRS programs.

2) Tactical Callsigns. Tactical callsigns have been enhanced to support remote definition of tactical callsigns. To transmit your Tactical callsign so other APRS+SA stations can see your tactical callsign, send a message to TACTICAL, in the message body, place you Tactical callsign. To set the tactical call of a stand alone tracker, send a message to TACTICAL and in the message body enter: CALLSIGN:TAC_CALLSIGN. Example: If my stand alone tracker is KH2Z-14 and my desired tactical callsign is "Brent". Send a message to TACTICAL and in the message body place KH2Z-14:Brent. Tactical callsigns can be queried also by sending ?TAC?.

Note: the to callsign of TACTICAL must be capitalized.

3) Drop down boxes with predefined text values are now supported for several items. These include the Posit text, Status text and Auto-Answer text values. The underlying text files are PositText.txt, StatusText.txt and AutoAnswer.txt. These file names are shown in ToolTips if you need to remember them later for editing.

4) If you are connected to the Internet, a new ?Query? item will appear on the Send Message window. These include links to QRZ for callsign data lookup, and an Internet map, centered on the location of the callsign in entered in the TO call of the Send Message window, if there is a current Posit. There is also support for 3 HTML templates, 2 of which are provided. These are called Template1.htm and template2.htm. The templates have replaceable variables that can be entered in the HTML text. When APRS+SA loads the Template, it will replace the parameters by the appropriate values. Valid variable names are: call, lat, long, mycall, mylat, mylong. In the HTML template enter #call# for call, #lat# for lat, etc. Latitude and Longitude are in decimal degrees. Case is important, use only lowercase. The first supplied template resembles the maps returned in the APRS+SA web server and by APRServe. The second template provides links to Topomaps and to APRServe's maps. The idea is, you can create your own template for Internet queries. Let us all know what you create!

5) APRS+SA now supports Text-to-speech as provided by Microsoft's Agent.

To enable text to speech in APRS+SA v0.9.22, you need the following files available from Microsoft.

Agent for Text to

Speech:<http://www.microsoft.com/workshop/imedia/agent/default.asp>

Needed files:

Core components: MSAGENT.EXE

You also need the TV_ENUA.EXE file. This is the Text to Speech Engine.

One Character file: PEEDY.EXE or other

Install them in order, then from the main menu on APRS+SA, click the Speech - Enable menu item. APRS+SA will use the wave file names entered on the Sounds page of setup just as the WAV events used the contents of the wave files. For example, if you have Update.wav entered for playback on tracking updates, Agent will say "Update". Note that if you do not have DirectX v6 installed on your computer, Agent and WAV events will compete for the wave player on your computer. First one there wins. You can disable WAV events on the Sounds page of setup if desired. 2 additional checkbox items are now provided on the Sounds page, these are called "Speak". They are available for Tracking, Bulletins and Messages. For the last 2, Agent will read out the bulletin or message. For tracking, Agent will read out the Range and bearing to the tracked station.

6) A new Applications Programming Interface (API) has been added to APRS+SA to support external program that may want to create and send messages, objects and other possibilities. One such program, called DOSAP, written by Bill Vodall, WA7NWP, has mechanisms to generate objects to track Satellites, among other things. For information about DOSAP, see <http://wetnet.wa.com/~wa7nwp/aprs/dosap.html>. Bill, WA7NWP, has also started a web page FAQ on APRS+SA. See: <http://wetnet.wa.com/~wa7nwp/aprs>

Brent Hildebrand, KH2Z

APRS+SA

<http://www.tapr.org/~kh2z/aprsplus>

..

From stanzepa@mail2.nai.net Wed Jan 13 19:34:37 1999

Received: from mail1.javanet.com (mail1.javanet.com [205.219.162.10])

by tapr.org (8.8.5/8.8.5) with ESMTP id TAA22340

for <aprsnews@tapr.org>; Wed, 13 Jan 1999 19:34:37 -0600 (CST)

Received: from [209.150.36.68] (ct-hartford-us1215.javanet.com [209.150.36.68]) by mail1.javanet.com (8.8.8/8.7) with SMTP id UAA31673 for <aprsnews@tapr.org>; Wed, 13 Jan 1999 20:34:35 -0500 (EST)

Message-Id: <199901140134.UAA31673@mail1.javanet.com>
X-Mailer: Microsoft Outlook Express for Macintosh - 4.0c (197)
Date: Wed, 13 Jan 1999 20:01:36 -0500
Subject: [APRSNEWS:202] APRS+SA v0922 Addendum
From: "Stan Horzepa" <stanzepa@mail2.nai.net>
To: aprsnews <aprsnews@tapr.org>
Mime-version: 1.0
X-Priority: 3
Content-type: text/plain; charset="ISO-8859-1"
Content-transfer-encoding: 7bit
Status: OR

Sender: "Brent Hildebrand" <bhildebrand@earthlink.net>
Subject: APRS+SA v0922 Addendum

One important item I left out of the release note, you should download both aprsplus1.zip and aprsplus2.zip. Contained in this release is a new version of aprsplus.exe along with apx20ocx.dll and GPS0922.W3. I might suggest installing v0922 in its own new directory. Once running, you should see v0.9.22 and APL v3.0.15 in the About box.

Downloading just aprsplus2.zip will not provide you an adequate update to v0.9.20.

Brent Hildebrand, KH2Z

APRS+SA
<http://www.tapr.org/~kh2z/aprsplus>
..

From stanzepa@mail2.nai.net Fri Jan 15 15:29:16 1999
Received: from mail1.javanet.com (mail1.javanet.com [205.219.162.10])
by tapr.org (8.8.5/8.8.5) with ESMTP id PAA14977
for <aprsnews@tapr.org>; Fri, 15 Jan 1999 15:29:15 -0600 (CST)
Received: from [209.150.39.178] ([209.150.39.178]) by mail1.javanet.com
(8.8.8/8.7) with ESMTP id QAA04794 for <aprsnews@tapr.org>; Fri, 15 Jan 1999
16:29:14 -0500 (EST)
Message-Id: <199901152129.QAA04794@mail1.javanet.com>
X-Mailer: Microsoft Outlook Express Macintosh Edition - 4.5 (0410)
Date: Fri, 15 Jan 1999 16:22:43 -0500
Subject: WinAPRS 2.2.4 posted
From: "Stan Horzepa" <stanzepa@mail2.nai.net>
To: aprsnews <aprsnews@tapr.org>

Mime-version: 1.0
X-Priority: 3
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit
Status: OR

From: Mark Sproul <msproul@ap.org>
To: aprssig@tapr.org
Subject: [APRSSIG:32867] WinAPRS 2.2.4 posted
Date: Fri, Jan 15, 1999, 2:22 PM

MacAPRS Version 3.2.4 - January 15, 1999
WinAPRS Version 2.2.4

Misc bug fixes in message acking and message responses
Minor fixes in weather parsing
Misc other fixes

Windows Version

Rutgers site at <ftp://aprs.rutgers.edu/pub/hamradio/APRS/WinAPRS/>
TAPR site at <ftp://ftp.tapr.org/aprssi/winstuff/WinAPRS/>

Mac Version should be up soon

Mac Version

Rutgers site at <ftp://aprs.rutgers.edu/pub/hamradio/APRS/MacAPRS/>
TAPR site at <ftp://ftp.tapr.org/aprssi/macstuff/MacAPRS/>

Mark Sproul	
Software Engineer @ Assoc Press	Work: 609-860-7120
msproul@ap.org	Fax: 609-860-7129

From stanzepa@mail2.nai.net Sat Jan 23 07:32:06 1999
Received: from mail1.javanet.com (mail1.javanet.com [205.219.162.10])
by tapr.org (8.8.5/8.8.5) with ESMTP id HAA03562
for <aprsnews@tapr.org>; Sat, 23 Jan 1999 07:32:05 -0600 (CST)
Received: from [209.150.37.182] (ct-hartford-hiper1180.javanet.com
[209.150.37.182]) by mail1.javanet.com (8.8.8/8.7) with ESMTP id IAA07719 for
<aprsnews@tapr.org>; Sat, 23 Jan 1999 08:32:03 -0500 (EST)
Message-Id: <199901231332.IAA07719@mail1.javanet.com>

X-Mailer: Microsoft Outlook Express Macintosh Edition - 4.5 (0410)
Date: Sat, 23 Jan 1999 08:32:39 -0500
Subject: [APRSNEWS:219] APRS Emergency Planning
From: "Stan Horzempa" <stanzepa@mail2.nai.net>
To: aprsnews <aprsnews@tapr.org>
Mime-version: 1.0
X-Priority: 3
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit
Status: OR

Sender: Bob Bruninga <bruninga@nadn.navy.mil>
Subject: APRS Emergency Planning

I recently posted a message to the SIG explaining how APRS attempts to maintain a "net-cycle" time of 30 minutes during benign operations and a 10 minute net-cycle time during local or dynamic emergency operations so that users can have a common expectation about the latency of data on their screens. Mark Sproul, WinAPRS, sent me a message supporting this philosophy so now it can become a common denominator for normal APRS planning.

Thus, those of you who write emergency operations plans can include these defaults in your planning documents. WinARPS allows the user to set any rate at any time. But, since the change between 30 minutes and 10 minutes in APRSdos is automatically adjusted based on the length of the PATH, these plans should be aware of this in recommending path lengths for emergency operations.

APRSdos will switch to 10 minute rate on direct and one-hop packets. If you need more hops and still also need the 10 minute rate, you must override this by manually editing the CFG8xx.APR file in your root directory. The default is 30 minutes (1800 seconds). But please remember to return it to the 1800 second rate for benign operations.

de WB4APR

From bounce-aprsnews-839@lists.tapr.org Tue Jan 26 00:00:06 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.8.5/8.8.5) with SMTP id AAA18806
for <lyris.aprsnews@tapr.org>; Tue, 26 Jan 1999 00:00:04 -0600 (CST)
From: Bill Jones <n5oin@tapr.org>
Message-Id: <LYR839-1003-1999.01.26-00.00.10--
lyris.aprsnews@tapr.org@lists.tapr.org>

Subject: [aprsnews] Let's try again
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Date: Mon, 25 Jan 1999 04:20:11 -0600 (CST)
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <199901251020.EAA05458@tapr.org>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

This is another test. Please ignore if it sneaks onto the APRSNEWS list.

Cheers - Greg

You are currently subscribed to aprsnews as: lyris.aprsnews@tapr.org
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org

From bounce-aprsnews-839@lists.tapr.org Tue Jan 26 18:26:15 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.8.5/8.8.5) with SMTP id SAA10349
for <lyris.aprsnews@tapr.org>; Tue, 26 Jan 1999 18:26:14 -0600 (CST)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Message-Id: <LYR839-1369-1999.01.26-18.26.17--
lyris.aprsnews#tapr.org@lists.tapr.org>
Date: Mon, 25 Jan 1999 05:05:39 -0600
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Subject: [aprsnews] TAPR Server Upgrade
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <v04020a79b2d1ff0df5e1@[207.8.125.50]>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Hello lyris.aprsnews@tapr.org, you might be interested to know that TAPR has upgraded our list processor to a new lyris based system.

This message is going to you on the aprsnews list.

You are listed as: lyris.aprsnews@tapr.org on the list

This new package has a lot of features which might cause a few glitches as we make the transition. Read the following to find out more.

ACCESSING THE SYSTEM VIA THE WEB

When the new TAPR web pages go on-line in the next few weeks, they will contain the new interface to the lists as well as a new and improved search engine for the various mail archives.

To directly access the TAPR.ORG Lyris server for now, use
<http://www.tapr.org/cgi-bin/lyris.pl>

GETTING ON-LINE HELP

visit: <http://www.tapr.org/lyris/help/index.html> for a full on-line manual

MEMBERS ONLY POST

With the recent increase in spamming some of the TAPR lists implement the rule "only members of the list can post to said list". If the incoming e-mail address doesn't match your e-mail subscription stored in the list, lists.tapr.org will reject your message.

If you get a rejected message from the list server, then you will need to change your address in the list. We have already seen a few rejected posts in the log. We apologize for those caught in the change over. Do the following and repost your message.

To change your member e-mail address on this list, do the following:

1. go to <http://www.tapr.org/cgi-bin/lyris.pl?enter=aprsnews>
2. For "Did you forget your password?" enter lyris.aprsnews@tapr.org
3. lists.tapr.org will e-mail you your password for the list.

After you get your password use "If you are member..."
4. enter lyris.aprsnews@tapr.org for email address
5. enter YOUR_PASSWORD (the one you just got e-mailed)
6. click on the enter button

At this point you can edit any of your information for this list.
You can also send and receive messages from this screen if you are away from e-mail at the time. We plan on keeping e-mail for 30 days on the Lyris interface, after which time messages can be found in the html searchable archives.

To get more information on your options see:
<http://www.tapr.org/lyris/help/ChangeMembershipSettings.html>

LOTS OF INFORMATION IN EACH MESSAGE

No member of a list should now have an excuse for not knowing how to unsubscribe from the list. Each message contains information on how to subscribe as well as unsubscribe. To unsubscribe, just send to the unique address shown in your message.

HOLD ON BOUNCED E-MAIL

When people's email addresses go bad (for instance, they change to another Internet Service Provider) each email message sent to their old address bounces back to lists.tapr.org. In the past, this was a huge management issue for myself and a few other on the tapr list server. Lyris will now analyze the bounces and determine who is causing them. If a member's email address appears to be invalid for 5 days in a row, Lyris automatically disables that participant's membership on the system, so that lists.tapr.org no longer sends them mail.

When a user is placed on hold, we will send the user an email message indicating that this has occurred, as well as a copy of the most recent error message received. This notification message, if the user receives it, can be very helpful to the user in determining why their email was being rejected by their mail system.

In such a case, send the "unhold" command to the List Server address, and Lyris will return any "held" subscriptions back to "normal." The format of the unhold command is:

email to: lyris@lists.tapr.org
subject: unhold

500K Message Limit on most open lists

We have implemented a 500K message size limit on the open lists. This should catch most of the huge posts that get made. If this limit needs to be changed, the list manager can change the setting for that list.

MESSAGE FILTER

Lyris looks for a lot of things in the message that might indicate something not meant to be sent to the list. Like the word TEST or UNSUBSCRIBE in the Subject line. If you send a message to the list server that it thinks is a 'suspect' message and it isn't, just change the word or line and please resubmit.

While this might cause a problem now and then for the average user, it saves a lot of posting of messages that shouldn't be making it to the list.

CONCLUSION

Moving to a new list package has been on our upgrade to do list for some time. Thanks to member support, TAPR has been able to make this upgrade a reality. We feel that this new package will greatly help expand our capabilities while also reducing the amount of work that it took to keep the previous list package running correctly.

I am in the midst of developing a new web site along with several other new items that should make using and getting information from the TAPR.ORG site much easier.

If you have any questions or comments, please feel free to drop me an e-mail message.

To those members of TAPR on this list, please give yourself a big pat on the back of supporting TAPR! For those of you that haven't joined TAPR yet, consider this a friendly reminder that you should think about joining in order to support future maintenance of things we do on the Internet and the various technical projects that are always ongoing. TAPR is only as strong as its membership.

Cheers -- Greg Jones, WD5IVD
President, TAPR

Greg Jones, WD5IVD Austin, Texas
wd5ivd@tapr.org <http://www.tapr.org/~wd5ivd>

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To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org

From bounce-aprsnews-839@lists.tapr.org Wed Jan 27 21:06:55 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.8.5/8.8.5) with SMTP id VAA11752
for <lyris.aprsnews@tapr.org>; Wed, 27 Jan 1999 21:06:54 -0600 (CST)
Message-ID: <LYR839-1751-1999.01.27-21.07.00--
lyris.aprsnews@tapr.org>
From: "Brent Hildebrand" <bhildebrand@earthlink.net>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] APRS+SA Docs on the Web - by David Dunster, VE5DGD
Date: Wed, 27 Jan 1999 17:20:52 -0800
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
X-Priority: 3
X-MSMail-Priority: Normal
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.3110.3
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <012f01be4a5c\$73acbe60\$4e64fea9@dell>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Dave, VE5DGD of Regina, SK, has created a web page that discusses many features of APRS+SA. Those who have asked about documentation of APRS+SA, this is an excellent place to start. He also has pages on DOSAP by Bill Vodall, WA7NWP. Check it out at:

APRS+SA Docs: <http://www.saskriders.com/aprssa/Index.htm>
APRS Canada: <http://www.peel.com>

My thanks to Dave!

Brent KH2Z

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From bounce-aprsnews-839@lists.tapr.org Wed Jan 27 21:07:35 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.8.5/8.8.5) with SMTP id VAA11809
for <lyris.aprsnews@tapr.org>; Wed, 27 Jan 1999 21:07:34 -0600 (CST)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 27 Jan 1999 20:54:02 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: TAPR APRS Special Interest Group <aprssig@tapr.org>, aprsnews@tapr.org
Subject: [aprsnews] MIR/APRS School Club Roundup
Message-ID: <LYR839-1755-1999.01.27-21.07.38--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GSO.4.05L.9901272051570.16454-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

MIR/APRS SCHOOL Club Roundup

The annual ARRL School Club Roundup (SCR) event runs from 8 to 13 Feb 1999 and has the objective to get as many SCHOOLS on the air as possible (all bands all modes). Coincidentally, the Space station MIR's orbit during that week is over the USA during school hours and so makes an ideal opportunity for the students to participate in satellite communications as well.

As part of the ongoing APRS/MIR/School experiments, MIREX Dr. Larson has endorsed the maximum participation of all schools to use the MIR digipeater to exchange communications between schools during this week long event (do not connect to MIR). APRS style (UI) operations can handle

as many as 100 stations per pass, so any school with a 2 meter FM radio, omni whip antenna and a TNC should be successful on 145.985 MHz. The APRS/MIR portion of this event is NOT A CONTEST, but an opportunity for students and schools to learn about space communications.

Everyone is encouraged to contact a local school science teacher and schedule a time period during that week when you can help set up and/or operate a school club station. Even if you cannot transmit for some reason, the LIVE MIR downlink is always visible on the Naval Academy's MIREX web page:

<http://web.usna.navy.mil/~bruninga/mirex.html>

This page shows the results of last years APRS/MIR SCHOOL testing and will be updated with specific details about the SCR event (if any).

The ARRL School Club Roundup contest is described on page 92 of QST january, 1999 or see <http://www.arrl.org/contests>.

de WB4APR, Bob

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From bounce-aprsnews-839@lists.tapr.org Sun Jan 31 09:21:37 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.8.5/8.8.5) with SMTP id JAA02738
for <lyris.aprsnews@tapr.org>; Sun, 31 Jan 1999 09:21:35 -0600 (CST)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Message-Id: <LYR839-2587-1999.01.31-09.21.51--
lyris.aprsnews@tapr.org>
Date: Sun, 31 Jan 1999 00:49:52 -0600
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Subject: [aprsnews] New TAPR Search/Archives
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <v04020a01b2d9a6f13093@[207.8.125.50]>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

TAPR is proud to announce that the last of the scheduled site updates for the first of the year are on-line. You can visit us at: <http://www.tapr.org>

You have already been involved with the first of three major changes to the TAPR.ORG system -- the first major change was the implementation of the Lyris list system.

The second part is a major web site revision. This revision should allow web pages to be found easier and allow quicker links between sections.

The SIG page contains lectures and presentations as well as links to other sites. These links are in need of update. Maybe someone would like to volunteer to maintain some of the specific pages ?

The third update is a new on-line search and mail archive system. As many have noted over the past several months, our previous search engine had problems especially with the size of the APRS SIG message base. The new one works very well.

You can find the new search mail archive engine at:
<http://www.tapr.org/tapr/html/sigf.html>

The search section is located under each SIG.

We hope you will enjoy these new features on the TAPR.ORG site.

Cheers - Greg Jones, WD5IVD
President, TAPR

P.S. Thanks to all those TAPR members out there that support this work.

Greg Jones, WD5IVD Austin, Texas
wd5ivd@tapr.org http://www.tapr.org/~wd5ivd

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From bounce-aprsnews-839@lists.tapr.org Sun Jan 31 16:18:42 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.8.5/8.8.5) with SMTP id QAA25315
for <lyris.aprsnews@tapr.org>; Sun, 31 Jan 1999 16:18:41 -0600 (CST)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs

Date: Sun, 31 Jan 1999 11:22:02 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: NWAPRS Group <nwaprssid@nwaprs.org>,
TAPR APRS Special Interest Group <aprssid@tapr.org>, aprsnews@tapr.org
Subject: [aprsnews] APRSdos R-32K bug
In-Reply-To: <01be4c1c\$42b66ec0\$868714d1@snoqualmie>
Message-ID: <LYR839-2682-1999.01.31-16.18.59--
lyris.aprsnews@tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.9901311114250.21280-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

All APRSdos crashed in the Pacific NW when the following WX packet was transmitted by a newly installed remote WX station:

N7xxx>APRS,WIDE5-4:!!00C600980183D155-----000700FA076E00F7

This packet is reporting over 53000 hundredths of inches of rain causing an integer overflow error (max allowed is 32K). So I am calling this the R-32K bug. Won't next year (Y-2k) be fun...?!

APRS830 has just been posted that is not vulnerable to this error.
APRS830 also fixes the alt-S-OTHER-DAILYSAVE option.
APRSmax has also been posted.

de WB4APR, Bob

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From bounce-aprsnews-839@lists.tappr.org Mon Feb 1 11:19:34 1999
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.8.5/8.8.5) with SMTP id LAA23721
for <lyris.aprsnews@tappr.org>; Mon, 1 Feb 1999 11:19:33 -0600 (CST)
Message-ID: <LYR839-2810-1999.02.01-11.19.49--
lyris.aprsnews@tappr.org@lists.tappr.org>
From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Subject: [aprsnews] list of lists (or "lists list" for short)
Date: Mon, 1 Feb 1999 11:18:40 -0600
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <1B66FFC6BE1CD211A0620008C7A42AC21EF7F5@MRDNEXCH01.ct.adc.com>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

Here is the list of APRS lists. Thanks to all who contributed.

- Stan "the list man" Horzepa, WA1LOU

LIST	FOCUS	SUBSCRIPTION REQUESTS (no entry in subject field required)
A016APRS	AMSAT-OSCAR-16	send subscribe a016aprs <first & last name> to listserv@tappr.org*
APRS	all	send subscribe aprs to majordomo@qth.net
APRS-FL	Florida	send subscribe aprs-fl <first & last name> to listserv@tappr.org*
APRSSIG	all	send subscribe aprssig <first & last name> to listserv@tappr.org*
APRSNEWS	news	send subscribe aprsnews <first & last name> to listserv@tappr.org*
APRSNL	Netherlands	send blank message to aprsnl-subscribe@onelist.com
APRSPLUS	APRS+SA	send subscribe aprsplus to majordomo@k8sn.org
APRSUK	UK	send blank message to aprsuk-subscribe@onelist.com

BOS-APRS	Boston. MA	send subscribe bos-aprs to majordomo@krl.krl.com
CA APRS	California	send subscribe aprs <first & last name & callsign> to admin@lists.monterey.edu
CarolinaAPRS	Carolinas	send blank message to CarolinaAPRS-subscribe@onelist.com
HTAPRS	Kenwood TH-7DA	send subscribe htaprs <first & last name> to listserv@tapr.org*
MIC-E	MIC-E/PIC-E	send subscribe mic-e <first & last name> to listserv@tapr.org*
NE-APRS	Northeast US	send subscribe ne-aprs to majordomo@qth.net
NIAN	Northern IL	send subscribe nian <first & last name> to listserv@dididahdahdidit.com
NWAPRS	Northwest US	send subscribe nwaprssid to nwaprssid-request@nwaprs.org
OzAPRS	Downunder	send subscribe ozaprs to majordomo@marconi.mpce.mq.edu.au
PHXAPRS	Phoenix, AZ	send subscribe phxaprs to listserv@phx-az.com
utahAPRS	Utah	send blank message to utahaprs-subscribe@onelist.com

* or go to <http://www.tapr.org/tapr/html/sigf.html>

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From bounce-aprsnews-839@lists.tapr.org Tue Feb 2 08:43:53 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.8.5/8.8.5) with SMTP id IAA25847
for <lyris.aprsnews@tapr.org>; Tue, 2 Feb 1999 08:43:50 -0600 (CST)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 1 Feb 1999 23:20:29 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] URGENT lat/long hamvention map (fwd)
Message-ID: <LYR839-3001-1999.02.02-08.44.13--
lyris.aprsnews@tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>

X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.9902012319520.12094-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

I now have the draft original HAMVENTION map in my hands and LAT/LONG for points C and D below, but NO LATITUDE DATA FOR THE TWO WEST EXITS points A and B here.

It is URGENT that I get the LATITUDE of EITHER of the two west exits to the flea market area. If so, then the convention maps will have LAT/LONG ticks on them. Can anyone determine the REAL LAT of points A or B below?

```
>
>      |
>      A*-----
>      |
>      |
>      B*----- HARA
>      |
>      |
>      |
>      |-----*-----*-----
>      |           C           D
>      |
>
```

de WB4APR, Bob

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From bounce-aprsnews-839@lists.tapr.org Mon Feb 8 22:04:15 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.8.5/8.8.5) with SMTP id WAA18851
for <lyris.aprsnews@tapr.org>; Mon, 8 Feb 1999 22:04:14 -0600 (CST)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 8 Feb 1999 20:20:17 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>

X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: amsat-bb@amsat.org, sarex@amsat.org, aprsnews@tapr.org
Subject: [aprsnews] APRS/MIR School Day Roundup, Day 1.
In-Reply-To: <01BE5355.B5B1B340@DOC>
Message-ID: <LYR839-4187-1999.02.08-22.04.49--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GSO.4.05L.9902081821490.10778-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Here are 33 stations seen via MIR during today's first-of-5-days School Club R0undup Experiment. Still there are several stations that are trying to connect to each other via MIR, instead of using the much more effecient UI frames. As you can see, their 55 packets convey no infomration and take up the majority of the channel. The others who are using UI frames or APRS positions may appear cryptic, but they contain position info and show up on the School map displays... The number or packets captured are shown.

Meaningful UI frame packets captured during Monday's passes:

```
1 WB2WPA>APRSW,R0MIR* <UI>:=2607.65N/08145.96WoPHG7460/Collier EOC -
1 AA0N>EN42,R0MIR* <UI>:
6 K5SRE>EM12HU,R0MIR* <UI>:EM12hu Sam Rosen Elem School FW Texas -
2 KB1PZ>FN42IV,R0MIR* <UI>:=4253.64N/07115.88WyPHG7274/Mike in Derry NH - FN42iv
1 KB9KVZ>ID,R0MIR <UI>:Jim in Burbank, IL. KB9KVZ-1
1 KB9MQH-1>CQ,R0MIR* <UI>:HI N9YUK
1 KC5ILO>EM23LO,R0MIR <UI>:[]73 de Tom kc5ilo@arrl.net Clarksville Texas
4 N2KAW>FN20,R0MIR* <UI>:]K[ Our Lady of Peace School
7 N3SKN>FM29,R0MIR* <UI>:Hello n8igq de Andy N3skn [ELkton MD]
1 N3XPD>FN10TB,R0MIR* <UI>:=4003.49N/07623.05W- Mike in Lancaster, PA
5 N4ZO>CQ,R0MIR* <UI>:PAWLEYS ISLAND,SC-n4zo@sccoast.net
4 N5MML>BILL,R0MIR* <UI>:Hello W1TYL
1 N5PAY>BEACON,R0MIR* <UI>:THIS IS N5PAY (SAM) IN TEMPLE TEXAS EM-11
1 N5WUP>ALMA,R0MIR* <UI>:HELLO SAN ROSEN
12 N8IGJ>CQ,R0MIR* <UI>:name is Armando :QTH Holland MI
5 N9YUK>CQCQDX,R0MIR* <UI>:
1 R0MIR>QST <UI>::BLNA :The MIR CREW extends greetings to all schools
and ham radio operators
```

4 W1TYL>FN31VK,R0MIR* <UI>:]K[TYL Middle School A.R.C. Oakdale, CT
 5 WB4APR>FM19SX,R0MIR*<UI>:]K[SCR Roundup! Naval Academy
 1 N7UWX>R0MIR*>BEACON <UI>:River Heights Utan, (n7uwx@email.com)
 7 K5SRE>R0MIR*>EM12HU (UI):Sam Rosen Elem School FW,TX K5SRE@amsat.org
 1 KE6HPH>R0MIR*>CQ <UI>:happy hamming schools
 2 KM5IB>R0MIR*>HELLO>ALL>SCHOOL>S>JOHN <UI>:
 1 WA6LIE-3>CM96EQ <UI>:]`[Hello to all schools from Salinas, Ca
 2 R0MIR*>QST<U>::BLNB :If R0MIR-1 is **BUSY, Please WAIT for a <D>
 frame from R0MIR-1 before retrying
 1 N5WUP>R0MIR*>ALMA <UI>:K5SRE HI
 1 N6RZR>R0MIR*>CN80 (UI):Brian in Anderson (bgorski@snowcrest.net)
 1 KI7AB>R0MIR*>CN85RT [UI]:]\$\[
 1 KC7RVK>R0MIR*>DM26IE<UI>:]\$\[
 2 N3TOY>R0MIR*>BEACON <UI>:[dm26ie] n3toy@QSL.net
 1 N7SFI>R0MIR*>DN40ER (UI):]y[Hi from Park City, UT
 1 KB8RWI>R0MIR*>DN6100<UI>:QTH 548 W.DAVIS ST.RAWLINS,WY.82301
 1 W6BME>R0MIR*>ROCKY <UI>:ROCKY,CA NORTH COAST. w6bme@tidepool.com

Compared with the 55 connect attempts with ZERO information exchanged between only 9 stations:

23 KA1MWG>V01KMS,R0MIR* <C C P>
 1 KB9LNC>N8TCQ,R0MIR* <C C P>
 4 N2STK>N9YUK,R0MIR* <C C P>
 6 N8TLV>VE3HRA,R0MIR* <C C P>
 6 N8TCQ>KB9LNC,R0MIR* <C C P>
 8 VA3HRA-7>VE1AMA,R0MIR*<C C P>
 4 VE2BLU>WX5L,R0MIR* <C C P>
 8 V01KMS>KA1MWG,R0MIR* <C C P>
 1 WX5L>VE2BLU,R0MIR* <I C S0 R0>

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From bounce-aprsnews-839@lists.tapr.org Tue Feb 9 12:11:30 1999
 Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
 by tapr.org (8.8.5/8.8.5) with SMTP id MAA28103
 for <lyris.aprsnews@tapr.org>; Tue, 9 Feb 1999 12:11:28 -0600 (CST)
 Message-ID: <LYR839-4303-1999.02.09-12.12.05--
 lyris.aprsnews#tapr.org@lists.tapr.org>
 From: "Dr Dave Larsen [PhD]" <doc@volcano.net>
 To: "APRS Announcements" <aprsnews@lists.tapr.org>
 Cc: "'amsat-bb@AMSAT.Org'" <amsat-bb@AMSAT.Org>,

''sarex@AMSAT.Org''
<sarex@AMSAT.Org>,
''aprsnews@tapr.org'' <aprsnews@tapr.org>
Subject: [aprsnews] MIR Keps 1-9
Date: Tue, 9 Feb 1999 10:07:50 -0800
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <01BE5414.21E6B740@DOC>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

These keps will update yesterdays keps by 12 sec's -
REMBER to send only in UNPROTO [UI]
Hve Fun and enjoy..

Dave
N6CO

MIR
1 16609U 86017A 99040.49416503 .00015028 00000-0 12301-3 0 2009
2 16609 51.6613 278.0203 0014500 110.2927 249.9628 15.70655825741310

You are currently subscribed to aprsnews as: lyris.aprsnews@tapr.org
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From bounce-aprsnews-839@lists.tapr.org Tue Feb 9 12:11:30 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.8.5/8.8.5) with SMTP id MAA28101
for <lyris.aprsnews@tapr.org>; Tue, 9 Feb 1999 12:11:28 -0600 (CST)
Message-Id: <LYR839-4302-1999.02.09-12.12.03--
lyris.aprsnews#tapr.org@lists.tapr.org>
X-Sender: halehome@mail
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 01 Feb 1999 22:02:13 -0500

Message-ID: <LYR839-4457-1999.02.10-10.38.38--
lyris.aprsnews#tapr.org@lists.tapr.org>
From: "Dr Dave Larsen [PhD]" <doc@volcano.net>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Cc: "amsat-bb@AMSAT.Org" <amsat-bb@AMSAT.Org>,
"sarex@AMSAT.Org"
<sarex@AMSAT.Org>,
"aprsnews@tapr.org" <aprsnews@tapr.org>
Subject: [aprsnews] MIR Keps 2-10 ~ Misc
Date: Wed, 10 Feb 1999 08:26:12 -0800
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <01BE54CF.1B3B7F00@DOC>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

MIR's Orbit is stable the last 3 days , I will post keps if there is a burn adj

"THINK" [UI] Frames .

Tnx to all the hams that are doing such a GOOD job with the schools
and the UNPROTOS

MIREX Team

MIR

1 16609U 86017A 99041.51215316 .00005980 00000-0 51910-4 0 2031
2 16609 51.6594 272.8214 0013953 113.9167 246.3227 15.70682089741474

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From bounce-aprsnews-839@lists.tapr.org Wed Feb 10 11:50:03 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.8.5/8.8.5) with SMTP id LAA27640
for <lyris.aprsnews@tapr.org>; Wed, 10 Feb 1999 11:50:01 -0600 (CST)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs

Date: Wed, 10 Feb 1999 12:19:22 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: sarex@amsat.org, amsat-bb@amsat.org, aprsnews@tapr.org
Subject: [aprsnews] APRS/MIR/School Club Roundup
Message-ID: <LYR839-4487-1999.02.10-11.50.40--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GSO.4.05L.9902101214220.10138-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

The APRS/MIR experiment is going very well and students worldwide can see how the event is going at our WEB page. We have had 10,512 hits this year.

<http://web.usna.navy.mil/~bruninga/mirex.html>

Here are the EAST COAST passes for the remainder of this School Club Roundup Event. These times are in EST for Maryland. For every 350 miles west or south of us, it will be about 1 minute earlier.

WEDNESDAY	THURSDAY	FRIDAY
1030	0921	0947
1202	1054	1122
1339	1232	1300
1516	1410	1436
1651	1545	1612
1827	1719	1747
	1855	

de WB4APR

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From bounce-aprsnews-839@lists.tappr.org Fri Feb 12 17:28:31 1999
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.8.5/8.8.5) with SMTP id RAA02083
for <lyris.aprsnews@tappr.org>; Fri, 12 Feb 1999 17:28:30 -0600 (CST)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Fri, 12 Feb 1999 18:20:49 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tappr.org>
cc: amsat-bb@amsat.org
Subject: [aprsnews] APRSat Rumors!
Message-ID: <LYR839-4981-1999.02.12-17.29.10--
lyris.aprsnews#tappr.org@lists.tappr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <Pine.GS0.4.05L.9902121701400.29250-100000@arctic>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

Well until 10 minutes ago, there was an APRSat called NATSWEB
scheduled for Launcher integration in 2 days and launch in 3 weeks.
We have been working almost around the clock since XMAS when we were
offered a free Launch if we could build a fully qualified satellite
in 6 weeks..... We did!

Here is what it had:

A launch to geostationary transfer orbit on the equator at 36,000 km
APogee by 660 km perogee that would give 12 hour a day coverage to anyone
anywhere (except the poles). The mission was to provide an APRS mobile
position and status reporting link from mobiles anywhere back into the
internet linked worldwide APRS infrastructure. Our satellite consisted
of:

TWO DIGIPEATERS:

Two completely separate but identical KPC-3+ TNC's and 2 meter radios.
One was on a vertical whip and one on a horizontal whip. Power out was a
whopping 10 watts each! Since these were omni antennas and we had no
attitude control, 2 meters was the only option. (70 cm requires 9
more DB for both up and downlinks). Each digipeater was backed up with a
failsafe timer circuit that would power-cycle the TNC's if there was no

PTT activity in over a minute. Kantronics had burned us a pair of ROMS with our defaults, so we came up ready to go after each power cycle. We also added a touch tone reset circuit as an added precaution.

POWER SYSTEM and STRUCTURE:

Each system had its own battery and 6 solar panels for nearly 100% sun illumination. One of the TNC remote control lines on each TNC was used to cross connect the power systems in case one system failed; then we could use its battery for the other one. Dr Bill Clapp at Weber State in Ogden UTAH was doing the power systems, and we at the Naval Academy were doing the COMM package. We would attach to a 9 foot by 3 foot square open box truss made out of 3000 lbs of steel built by Boeing as their dummy mass. This mass was a vibration mass test unit never intended for launch, but since there were no other payloads, it became the prime payload. Unfortunately for us, it was painted all WHITE, so its average temperature would be a very cold -60 deg C. We were using a thermal insulator and then thermal coatings on our boxes to achieve a nice 0 to 30 deg C operating temperature for us. This thermal design was a non-trivial exercise!

TELEMETRY: We used the LEDS ON/OFF switch in the TNC to switch the 5 available analog inputs to two banks of sensors, 4 currents, 4 temperatures, battery voltage and RF power out. This for each system. Thus a total of 20 telemetry values from our off-the-shelf KPC-3+'s! (This satellite has no other command/control system other than the TNC's).

LINK BUDGET: Anyone could hit the digipeaters with a 160W mobile amp and a mobile antenna (optimized for peak power up at an angle of about 40 degrees) (36,000 km is a long way away). Anyone could hear the downlink with an OSCAR-10 class station. But the intent was to just have a half dozen permanent ground stations feed the downlink into the APRServe network. Thus, everyone everywhere could see all satellite mobiles via the existing APRS worldwide infrastructure.

UPLINK: One uplink was on 144.39 since it was already authorized over the entire North American continent. And since target mobiles would be radiating mostly upward and all other terrestrial users would be radiating on their horizons, we calculated we could get a 10 to 16 dB SNR so that the mobiles would be heard above all other users. (AMSAT also gave us a possible alternate uplink in the amateur satellite segment in case APRS caught on in Europe where 144.39 is a meteor scatter freq.)

DOWNLINK: We could also downlink on 144.39 just fine, since with 6 ground stations all listening all the time and feeding their combined signal into APRServe, the chance that all 6 stations would have local QRM at any instant is 0.01 %, this gave us a 99.99% probability of success on every packet. AND our signal from 36,000 km would be so weak to all other APRS

users, they would not even be able to hear it except with a beam antenna pointed UP... Thus we could operate fully on 144.39. BUT 144.39 as a space downlink is not politically correct in the gentlemen's agreement to keep all such activity in the AMSAT segment, and would cause discontent in Europe. This is the primary reason we had completely dual redundant systems. One for North America, and one for Europe if APRS caught on over there.

But alas, the STATE DEPARTMENT just killed us! Our FREE ride was on the launch of a totally passive dummy 3,000 lb MASS being launched to test the SEA LAUNCH system. Since the launch will be in international waters, using a Russian Rocket, on a Scandinavian ship with system integration by Boeing, BOEING had to get a Technology Export License from the State Department for the Launch (This takes months if not years!). Now, since Boeing was going to add us (an active payload) to their dummy mass, STATE DEPARTMENT said NO. They say, "this is a change to your export license which will have to be modified and resubmitted."

Boeing was actually getting excited about our system, since it would give them attitude and temperature information which they had no other means for getting from their totally passive mass. Integration of our NATSweb satellite was on their work plan for integration and they have had engineers working with us in preparation for the clean room evolution for the last month.

Boeing has been fighting for us now for a month trying to convince State Department that this is a trivial change and that it doesn't need this kind of bureaucratic process. But with their BILLION\$\$\$ launch on line and only weeks away, you can see why they cannot re-do their paperwork (which has been the subject of lots of State Department oversight of late) just for our \$2000 attachment. SO here, Friday afternoon, we are bumped. And their 3000 chunk of steel goes to orbit (for hundreds of years) with no telemetry system at all..

But we DO now have a satellite READY TO GO for the next opportunity! (anyone know of another free launch...?)

OH YES, it also had a NASA modified GPS unit attached to one of the TNC's so that we could see how well GPS worked from space! ARGH!

For details see our web page:

<http://web.usna.navy.mil/~bruninga/NATSat.html>

The WEB page is a week or so out of date, since we were concentrating more on building it, than documenting it, but we will clean that up later...

So THANKS to all in Long Beach that had offered to help us when we flew

out for integration next Wednesday, no time now to send you all personal messages, I have got to go spend some family time, since I have been working 16 hour days since XMAS and sleeping here overnight in the office about 30% of the time...

It was fun!

de WB4APR, Bob
Naval Academy Satellite Lab

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.8.5/8.8.5) with SMTP id MAA24412
for <lyris.aprsnews@tapr.org>; Mon, 15 Feb 1999 12:32:31 -0600 (CST)
Message-ID: <LYR839-5590-1999.02.15-12.33.19--
lyris.aprsnews@tapr.org>
From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] WinAPRS_lite and WinAPRS_Igate
Date: Mon, 15 Feb 1999 12:31:27 -0600
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <1B66FFC6BE1CD211A0620008C7A42AC21EF82C@MRDNEXCH01.ct.adc.com>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

-----Original Message-----

From: Mark Sproul [<mailto:msproul@ap.org>]
Sent: Monday, February 15, 1999 10:56 AM
To: TAPR APRS Special Interest Group
Subject: [aprssig] WinAPRS_lite and WinAPRS_Igate

I have posted two special versions of WinAPRS up on

<ftp://aprs.rutgers.edu/pub/hamradio/APRS/WinAPRS-Beta/>

WinAPRS_lite

This is a stripped down version for Win 3.1 and for small laptops
The following features have been removed

- Precision Mapping
- Call book support
- Internet access
- Image support
- All TCP/IP activities
- KISS mode
- and some others

WinAPRS_Igate

This is for stations that want to be un-attended IGates
Many things are turned off here that might get in the way
But ALL of the TCP stuff is enabled

IMPORTANT NOTE

These versions are not considered for everyone. They both have special places.

Both of these are experimental, they do not have beta expiration dates but they are considered BETA in that I have not done alot of testing

The feature sets in both of them are subject to change depending on your needs. If there are any features that need to be added or deleted, let me know. If you need lots of the features put back in, then you should be using the full version of WinAPRS.

The validation numbes etc are identical to regular WinAPRS

Mark

Mark Sproul	
Software Engineer @ Assoc Press	Work: 609-860-7120
msproul@ap.org	Fax: 609-860-7129

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Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.8.5/8.8.5) with SMTP id OAA29172
for <lyris.aprsnews@tappr.org>; Mon, 15 Feb 1999 14:39:39 -0600 (CST)
Message-ID: <LYR839-5612-1999.02.15-14.40.24--
lyris.aprsnews@tappr.org@lists.tappr.org>
From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Subject: [aprsnews] HTAPRS expanded for VC H1
Date: Mon, 15 Feb 1999 14:38:30 -0600
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <1B66FFC6BE1CD211A0620008C7A42AC21EF82E@MRDNEXCH01.ct.adc.com>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

The purpose of the TAPR HTAPRS SIG has been expanded to include discussion of Kenwood's VC H1 (KenCam) and related issues, such as the Automatic Picture Relay Network (APRN). So, talk among yourselves about VC H1 on HTAPRS.

Stan, WA1LOU, *SIG administrator

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Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])

by tapr.org (8.8.5/8.8.5) with SMTP id JAA17468
for <lyris.aprsnews@tapr.org>; Tue, 16 Feb 1999 09:21:31 -0600 (CST)
Message-Id: <LYR839-5771-1999.02.16-09.22.19--
lyris.aprsnews#tapr.org@lists.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: "Noel E Donawa" <9y4ned@tstt.net.tt>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] APRS Trinidad & Tobago
Date: Tue, 16 Feb 1999 11:10:57 -0400
X-Priority: 3
X-MSMail-Priority: Normal
X-MimeOLE: Produced By Microsoft MimeOLE V4.71.1712.3
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <199902161608.LAA27646@ns3.tstt.net.tt>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

An APRS network is now in operation on the Island of Trinidad, presently seven (7) stations are in operation and testing the various configurations. It is hoped that we shall have automatic weather reporting soon. as the most southerly Island of the Caribbean we believe that we would be able to provide timely information during the hurricane season.

>From the Aprs Packet Group
Trinidad & Tobago Amateur Radio Society

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From bounce-aprsnews-839@lists.tapr.org Tue Feb 16 12:47:19 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.8.5/8.8.5) with SMTP id MAA24380
for <lyris.aprsnews@tapr.org>; Tue, 16 Feb 1999 12:47:19 -0600 (CST)
Message-ID: <LYR839-5809-1999.02.16-12.48.08--
lyris.aprsnews#tapr.org@lists.tapr.org>
From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] responding to APRSNEWS
Date: Tue, 16 Feb 1999 12:46:15 -0600

MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <1B66FFC6BE1CD211A0620008C7A42AC21EF836@MRDNEXCH01.ct.adc.com>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

Please do not REPLY to announcements posted to APRSNEWS, i.e., if you intend to send a message to the originator of an APRSNEWS announcement, don't hit the REPLY button in your email software to send that message because it will be sent to the TAPR list server not the originator. To send a message to the originator, you must enter his/her email address in your email software.

Hope that helps!

Stan, WA1LOU, APRSNEWS administrator

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From bounce-aprsnews-839@lists.tappr.org Thu Feb 18 16:38:04 1999
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
 by tappr.org (8.8.5/8.8.5) with SMTP id QAA02549
 for <lyris.aprsnews@tappr.org>; Thu, 18 Feb 1999 16:38:02 -0600 (CST)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Thu, 18 Feb 1999 09:46:45 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Subject: [aprsnews] March QST APRS map APRS
In-Reply-To: <Pine.GS0.4.05L.9901041541100.10493-100000@arctic>
Message-ID: <LYR839-6226-1999.02.18-08.56.21--
 lyris.aprsnews#tappr.org@lists.tappr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>

X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.9902180927020.3027-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

UPfront QST this month published a natiownide map of the 500 APRS digipeaters. But the whole meaning/intent of the original submission was lost in the editing. The title and content was supposed to be:

APRS Needs Your Help!

Even if you are not into APRS, you might be able to help your fellow HAM travelers through your area of the country. An analysis of all the APRS digipeaters in the USA shows the following statistics:

EAST of Mississippi: 82% of population is covered by APRS
52% of the area is covered

WEST of Mississippi: 57% of the population is covered by APRS
28% of the area is covered.

Everyone is going Wireless! APRS is "wireless data" for HAM Radio.

For travelers, as long as you are in the APRS coverage area, you have nationwide tracking and 2-way messaging capability (Even in your pocket with the Kenwood Data HT!). Our OBJECTIVE is to at least cover the major thoroughfares for travelers. Notable weak areas in the east are:

- South Georgia
- E.Central VA (Richmond, Norfolk)
- Eastern NC
- Western PA
- Mississippi,
- Southern IL/IN
- Western KY
- North Central NY state
- Maine

All it takes for an APRS digipeater is a TNC and a radio on 144.39. If packet has died in your area, or for any other reason you have an available high antenna and TNC, we could sure use you on 144.39. Come join us. For more info see <http://www.aprs.org> or www.aprs.net

de WB4APR, Bob

Also the statement in the photo about using Satelllites in the West was originally written as an objective, not a fait accomplie (sp?). (Although

with last weeks APRS/MIR School tests, many stations exchanged packets via MIR using only their HT's and rubber duck antennas.

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From bounce-aprsnews-839@lists.tapr.org Fri Feb 19 13:14:44 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.8.5/8.8.5) with SMTP id NAA26989
for <lyris.aprsnews@tapr.org>; Fri, 19 Feb 1999 13:14:40 -0600 (CST)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Fri, 19 Feb 1999 14:05:20 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] APRSdos ver 831
Message-ID: <LYR839-6578-1999.02.19-13.15.38--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.9902191354560.17660-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

APRS831 is posted with significant changes as follows:

- * Added some DX cluster parsing back in (it was removed in 800).
Mostly this is to be more compatible with the Kenwood THD7 HT which also has a 10 deep DX-spot list. Thus, if we in APRS figure out neat applications for this additional display capability in the HT, then APRSdos will also display the same info. It only does SPOTS and a MAIL list on the TRAFFIC page. None of all the old capabilities in pre-800 versions in DX mode...
- * Had to change the LATEST-STATUS command to a TWO-KEY menu now to provide the following displays:
LIST-STATUS used to be LATEST-STATUS
LIST-DX lists the last 10 DX spots
LIST-RESOURCES lists the last 10 items transmitted in DX spot format

LIST-TELEMETRY Better than the old alt-T
LIST-LOG used to be the ALL display

- * Upgraded APRSdr to current versions and fixed a bug:
Fixed "C" command bug
Now auto-DRed objects are CYAN so you can tell them apart

In order to shoehorn this all in, I did a MAJOR REVAMP of all of my user input routines to only one consistent subroutine. So look carefully for subtle differences and possible goofs...

de WB4APR, Bob

See DAYTON97 HISTORY: <http://web.usna.navy.mil/~bruninga/dayton.html>
See Maryland APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
See GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

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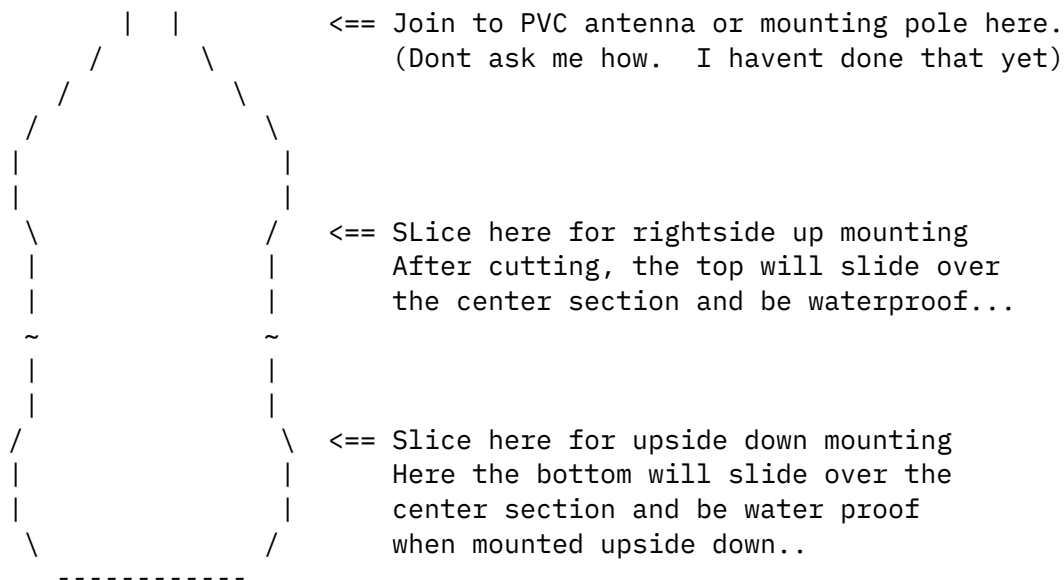
From bounce-aprsnews-839@lists.tapr.org Sun Feb 21 08:52:50 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.8.5/8.8.5) with SMTP id IAA11551
for <lyris.aprsnews@tapr.org>; Sun, 21 Feb 1999 08:52:49 -0600 (CST)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Sat, 20 Feb 1999 20:55:02 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] KPC-3 Porta-Digi enclosure found!
Message-ID: <LYR839-6944-1999.02.21-08.53.51--
lyris.aprsnews@tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GSO.4.05L.9902202027090.15999-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Sorry for so much bandwidth today... But

I have wanted to build many portable digis in 3 inch PVC pipe with an HT, but the doggone KPC-3 (with built in analog telemetry for monitoring the battery) just WONT fit in anything I can think of that has a nice form factor that couples easily to a PVC pipe for hanging in a tree...

But I found it! and then realized it was always there in front of me... I found a 7 inch diameter by 6 inch squatty thick plastic container with a small throat that is meant to be stuck into a handwash dispenser upside down. But one inch from the top and the bottom, the diameter decreases by about 1/16th of an inch in the middle section. If you cut it at either of these transitions, (to put the TNC inside) then the top (or the bottom) will then nicely slide OVER the cut to form a very nice and sturdy rain proof joint. One round of a weather proof tape and you have a perfect enclosure that you can couple to PVC pipe for a completely sealed unit.

Then I realized that since you are going to cut it in the middle, ANY large plastic round container with these 1/16th changes in diameter can be cut the same way to any length! A clorox bottle comes to mind... Here is a sketch (not to scale)



In mine, both of these fits are tight and self holding. Tape keeps the Tornadoes from pulling it apart.

The upside down mounting option makes a nice looking "GPS-unit-on-a-pole" type enclosure...

P.S. the KPC-3 needs a 7.4 inch inside diameter to lie flat, or a 5.5 inch

to stick up-n-down. But the HT will fit beside it, so you only need a 1/2 inch PVC antenna pipe instead of a heavy 3 inch one.

It still makes a nice target for hunters tho. SO invest in some good camoflauge paint...

de WB4APR, Bob

P.P.S. ALWAYS provide a drain hole for condensation removal! Nothing is ever waterproof to day-nite condensation.

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.8.5/8.8.5) with SMTP id IAA11573
for <lyris.aprsnews@tapr.org>; Sun, 21 Feb 1999 08:53:38 -0600 (CST)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Sat, 20 Feb 1999 20:01:27 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: TAPR APRS Special Interest Group <aprssig@tapr.org>, aprsnews@tapr.org
Subject: [aprsnews] APRSdos Mobile Message Tips:
In-Reply-To: <000601be5d31\$80c92880\$25019ace@crud>
Message-ID: <LYR839-6947-1999.02.21-08.54.40--
lyris.aprsnews@tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GSO.4.05L.9902201950090.15999-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Lee asked about message HOT keys for easy use while driving:

Answer. ITS IN THERE...

APRSdos can "copy" any existing message to any user just by hitting a

single digit line number instead of typing in a message. It will then copy that old message to the new one. Thus you can tell everyone new that you see the same thing you told the last guy! Just hit F2, then 1, then ENTER. These 3 keys will repeat message number 1 to the newest person you just got a message from...

To make it easy, you can preload these messages before the trip and send them to "MSG". This tells APRSdos not to waste air time by transmitting these, but it will keep them on your SEND page so that you can copy them as needed as you drive with only 3 key strokes.

Actually, there are 5 special TOCALLS in APRSdos:

- 1) REPLY: If this is the first message, it will be your autoanswer msg
- 2) MSG: These messages go nowhere, but are useful for preloading
- 3) LOG: These messages go nowhere except to your LOG file, good for logging things at a special event. (LOG must be enabled)
- 4) BLN#...: Used to send Bulletins that decay after an hour or so
- 5) BLNA...: Used to send Bulletins that linger forever...

All of this is documented on the SEND screen as soon as you hit "S".

de WB4APR, Bob

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.8.5/8.8.5) with SMTP id SAA03448
for <lyris.aprsnews@tapr.org>; Sun, 21 Feb 1999 18:43:40 -0600 (CST)
Message-Id: <LYR839-7058-1999.02.21-18.44.45--
lyris.aprsnews@tapr.org>
Date: Sun, 21 Feb 1999 19:25:44 +0000
Subject: [aprsnews] TAPR Office closed this week
From: "Stan Horzepa" <stanzepa@mail2.nai.net>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Mime-version: 1.0
X-Priority: 3
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>

From: Greg Jones, WD5IVD [mailto:wd5ivd@tapr.org]
Sent: Monday, February 22, 1999 11:33 AM
To: TAPR Announcement List
Subject: [tapr-bb] TAPR Technology Demo Day

TAPR is proud to announce the first annual Technology Demo Day sponsored by the TAPR APRS SIG.

The purpose of this event is to demonstrate technology independence at the location of Field Day. Technologies like Packet Radio, SSTV, ATV, Spread Spectrum, IGates and other operating modes accessed via RF means only will be allowed, since this reflects current emergency situations at disaster scenes in our present day world.

The 1999 Technology Demo Day is to coincide with the ARRL Field Day.

Full details are available at <http://www.tapr.org/tdfd>

1999 Technology Demo Day

- * Commercial Power Restriction
No commercial power is allowed for stations submitting a score.
- * Band of operation:
Any frequencies that are currently allowed for the mode in use. HF, VHF, etc
- * Use of networks and digipeaters:
Digipeaters, Networks, can be used for contacts
All APRS paths allowed.
Sites must use RF (No direct Inet)
- * Participants:
Any licensed amateur radio operator may participate.
Participants that are at a direct connection to the net can participate but are not permitted to submit scores.
- * Operator Designations:
Single Operator designated by "SO".
Multi Operator by "MO"
No Operator by "NO"
- * Minimum exchange consists of:

Call Sign, ARRL section, Operator Designation (SO, MO, NO)

* Submission of scores:

Do not send your Logs. Send only your score.

Send your score to kb2scs@worldnet.att.net or use

<http://www.tapr.org/tdfd>

Scores must be submitted within two weeks of the end of the event.

* Points:

- o 25 points for receiving the ARRL message in digital form
- o 2 points for every LIVE packet QSO (packet network, conference nodes, digis, etc)
- o 1 point for every APRS station "received"
- o 2 points for every APRS station exchanging messages
- o 25 points for receiving ATV signals from a range over 5 miles
- o 25 points for transmitting ATV to another station over 5 miles
- o 5 points for every received SSTV picture received
- o 5 points for every transmitted SSTV contact
- o 25 points for receiving any Satellite digital MESSAGE
- o 25 points for transmitting any Satellite digital Message.
- o 25 points for making a complete exchange using Spread Spectrum
- o 5 points for each Spread Spectrum contact thereafter

Suggested Operating instructions

* HOOK UP YOUR SPEAKER.

If you aren't listening to the packets, then you may not know what is going on the channel. TNC's do not detect collisions. DCD's do not either, so just because the little green light is OFF, does not mean the channel is not all QRM

* Operate normally.

USE SHORT packets and MINIMUM PATH.

Use WIDEN-N where possible.

Keep hops practical for your area. (any more than 3 probably impossible)..

Work everyone you see on mail/traffic pages.

* ACKS are not required!

If you get a QSL message from the other station, don't wait for an ACK.

Erase the outgoing message to reduce QRM!

* Internet Gateways

The key here is that IGates only pass through MESSAGEs to LOCAL stations in their area. This means you can QSO with anyone if you already know their callsign! You will probably NOT see their posits since only messages go via IGates (normally). This is why you should always include your GRIDSQ in all of your text messages.

Here are some ways we have come up with to get around these quirks for:

- * a) Assume an SSID of -6 for stations and guess at some APRS calls...
- * Watch your traffic list. As soon as anyone QSO's anyone in your area, you will see them for a return QSO.
- * Send a CQ FD MESSAGE with your GRIDSQ and report to a DIGI in a known area with an IGate. This will go through all IGates.
- * Do a MAPS-OVERLAY-DIGIS for an area to see a good target call. (See C)
- * Do NOT send CQFD or TARGET messages until you have exhausted all other contacts, else we may totally BLOCK the RF channels around IGates.
- * Once you are working via IGATES, PLEASE minimize your path to ONLY the hops needed to hit your local IGate.
- * Home Stations If you are not going to operate, please set up your UN-ATTENDED home station for AUTOREPLY with something like 'QSL. [gridsq].(NO), ARRL section, etc. For APRSdos this simply means send ONE message to the callsign of REPLY and make sure this message is the first in your SEND list.

APRSÆ is registered to Bob Bruninga, WB4APR.

Tucson Amateur Packet Radio

8987-309 E Tanque Verde Rd #337 * Tucson, Az * 85749-9399

e-mail: tapr@tapr.org web: <http://www.tapr.org/>

ftp: [ftp.tapr.org](ftp://ftp.tapr.org)

phone: 940-383-0000 fax: 940-565-2544

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.8.5/8.8.5) with SMTP id OAA13594
for <lyris.aprsnews@tapr.org>; Thu, 4 Mar 1999 14:58:12 -0600 (CST)
Date: Thu, 4 Mar 1999 15:15:15 -0500
From: Mike Musick <71301.3106@compuserve.com>
Subject: [aprsnews] pocketAPRS v0.24 Release
Sender: bounce-aprsnews-839@lists.tapr.org
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Message-ID: <LYR839-8979-1999.03.04-14.59.48--
lyris.aprsnews@tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <199903041519_MC2-6CBB-9B84@compuserve.com>
Precedence: bulk

After much unintended delay, pocketAPRS v0.24 is up on the TAPR FTP server:

<ftp://ftp.tapr.org/aprssid/palmstuff/palmpr/pcktpr.zip>

Summary of changes from v0.22:

- New map file format:
 - Much faster download from PC host;
 - Map size reduced 10-20%;
 - "Building Map Index" eliminated;
 - Map drawing speed improved 15%.
- Fixed zoom indicator which was not refreshing with map change.
- Removed debug screen from TNC command response (and a related crash).
- APRS+SA stations running current versions now recognized.
- Incoming packets no longer "lost" during map drawing.
- Processing bug fixed (affected stations and messages screens).
- User-definable UNPROTO paths.

- Map library is entirely new.

First, a VERY IMPORTANT NOTE: the new map format is incompatible with the old one. Because of this, pocketAPRS v0.24 has been trained (;-)) to

automatically delete maps in the old file format that are unintentionally (or intentionally!) left in the Palm device. Be sure to pick up any maps you need when you download the application.

While there were relatively few cosmetic or operation changes since the last release, a lot of the "internals" saw major revisions or outright overhauls.

The map storage format is the most compelling of the changes. A frequent complaint of the earlier map system is that the HotSync process took an inordinate amount of time to upload maps, and often failed. This is completely fixed - even the largest maps will download in two or three minutes.

Additional benefits of the map system re-write are faster operation, smaller size (for same data content) and elimination of the "Building Map Index" message when a map is first selected. All in all, a Very Good Thing Indeed. For you programmers, an HTML file documenting the new map format is in the same folder as the pocketAPRS application file on the TAPR FTP server.

The other most significant invisible change was how the program processed incoming data. In response to bug reports, it was discovered that there were circumstances where the processing stream would stop in its tracks, and that it was killing message acknowledgements, for one thing. Several problems in this area were found in the process, and I think everyone should find on-air operation to be smoother overall.

Related was a problem where incoming data would get dropped during map redraws. This turned-out to be a very simple fix, though there is a slight penalty in redraw speed if the network is busy.

A minor protocol bug with APRS+SA packets was found and fixed.

The biggest visible change is the addition of custom UNPROTO paths. A complete system of entry and editing has been created, and up to nine user-defined paths can be put on the list. There is some interactive filtering and screening of user-defined paths, designed to keep "bad paths" to a minimum.

THE NEW MAPS =====

Most current users will notice how HUGE the new map files are, relative to the old ones. Well, this is because the system can now handle maps with all detail included, where previously the HotSync problem prevented us from using anything but summary or small-area maps.

Most of the maps in the library have full detail, usually covering 60x60 or 80x80 mile squares. Those that omit surface streets cover areas that are particularly dense, and during map re-creation it was arbitrarily decided to

limit maps to under 200,000 points to prevent a single map from hogging all available memory in the Palm.

Map production is continuing, and as soon as a really nasty bug (crash and burn variety) is found and fixed in MacDLG, it will be uploaded for others to create pocketAPRS maps. Also, Darryl Smith, VK3TDS, is working furiously on his Windows-based translation program to include the new format.

A couple of you will discover that two or three maps in the old library have not been recreated in the new format. This is related to the MacDLG crash problem just mentioned. As soon as this problem is fixed they'll be uploaded to the site. I'm also working diligently on the request list, so if you've requested an area and it's not there yet, stand by and it should be up within the next few days.

A WORD ABOUT MEMORY MANAGEMENT

=====

It was discovered during testing that memory is an issue with a busy network. Each station on the list occupies about 1K of the Palm's RAM, so the math is easy - 100 stations mean 100K of memory is needed.

This is being mentioned because if you optimistically shoehorn a bunch of maps into memory, be sure you have room to operate. pocketAPRS does not (yet) monitor memory resources, so if you run close to the edge of capacity, expect the occasional crash.

The next release should address most of the missing or incomplete features, and I expect it to be the last beta release. Plan at this point is to have v1.00 (production release) in time for Dayton, but that will depend on what gets broken in the interim.

...mike/NOQBF
71301.3106@compuserve.com

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.8.5/8.8.5) with SMTP id TAA23765
for <lyris.aprsnews@tapr.org>; Fri, 5 Mar 1999 19:49:17 -0600 (CST)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Fri, 5 Mar 1999 18:58:31 -0500 (EST)

From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tappr.org>
cc: aprsnews@tappr.org
Subject: [aprsnews] APRSbeta.zip
Message-ID: <LYR839-9194-1999.03.05-19.50.56--
lyris.aprsnews#tappr.org@lists.tappr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tappr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <Pine.GSO.4.05L.9903051852110.16302-100000@arctic>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

New capability for APRSdos...

I just posted an APRSbeta that has the ability to call up and download the LIVE worldwide APRServe data. The download takes about 3 minutes and it will be a long distance call for you, but if you do not have any of the windows versions of APRS, and only have APRSdos, then this capability will allow you to at least see what the LIVE worldwide APRServe system is all about.

Be sure to read the APRStel.txt file included in it and read the start-up screen...

This is a BETA, so it may be a little klunky and I may have botched up some other things in making it all fit. But if you are brave at heart, have fun...

bob

Oh yes, it is just the new APRSbeta.exe and the two other support files. So it must run in your existing APRS8xx environment...

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Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.8.5/8.8.5) with SMTP id LAA04236
for <lyris.aprsnews@tappr.org>; Sat, 6 Mar 1999 11:37:11 -0600 (CST)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Sat, 6 Mar 1999 11:06:46 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Subject: [aprsnews] Emergencies and Mile Marks
Message-ID: <LYR839-9297-1999.03.06-11.38.53--
lyris.aprsnews@tappr.org@lists.tappr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <Pine.GSO.4.05L.9903061054380.29545-100000@arctic>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

We just had a Mic-E emergency trigger alarms all over PA/MD/NJ area.
We still do not know if it was real or just a bumped switch...
But it does raise some topics:

State Police were called:

1) Police do not do "LAT/LONG". APRSdos will display the nearest MILE Marker on the interstates, but apparently I missed I-76 in the data base. And PA is one of the states that does not equate MM to exits, so I cannot derive this from my maps unless someone sends it to me. I will post my needs in another message. DOS users Please do a MILE-MARK for all interstates of interest in your state and see if I missed any others, please tell me. (Calif does not have mile marks)

2) It would have been nice if there had been a "description" of the vehicle in its STATUS text. If all you can say is that an "unknown" vehicle is indicating an emergency, the police dont know what to look for...

3) I need to add a "temporary" alarm disable so that it doesnt keep re-triggering alarms all day. I dont want to allow a user to turn them off, but he should be able to disable it for a while...

4) Any other lessons?

de WB4APR, Bob

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To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org

From bounce-aprsnews-839@lists.tapr.org Tue Mar 9 14:05:27 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.8.5/8.8.5) with SMTP id OAA27260
for <lyris.aprsnews@tapr.org>; Tue, 9 Mar 1999 14:05:23 -0600 (CST)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Tue, 9 Mar 1999 13:54:33 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] APRS834 Worldwide access
Message-ID: <LYR839-9869-1999.03.09-14.07.13--
lyris.aprsnews@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GSO.4.05L.9903091353480.15300-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

APRSdos (834) now joins Mac/Win/PLUS in giving users access to Steve Dimse's world wide APRServe data stream.

APRS834 has the ability to call up and download the LIVE worldwide APRServe data by modem. The download takes about 3 minutes and saves data for about a dozen regions of the country in as many BACKUP.BK files. Users can then FILE-LOAD any of these files to see who is on the air. They can then use the conventional network on 144.39 to QSO with anyone.

Be sure to read the included APRStel.txt file and read the start-up screen... Also, I updated the European and German map distributions so that dos now has maps covering the few stations we see on the air in Switzerland. Get EUmaps10.zip or GEmaps03.zip

de WB4APR, Bob

-----End of Unsent Message

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From bounce-aprsnews-839@lists.tapr.org Wed Mar 10 12:04:37 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.8.5/8.8.5) with SMTP id MAA22745
for <lyris.aprsnews@tapr.org>; Wed, 10 Mar 1999 12:04:36 -0600 (CST)
Date: Wed, 10 Mar 1999 12:21:19 -0500
From: Mike Musick <71301.3106@compuserve.com>
Subject: [aprsnews] New pocketAPRS Maps
Sender: bounce-aprsnews-839@lists.tapr.org
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Message-ID: <LYR839-10052-1999.03.10-12.06.28--
lyris.aprsnews@tapr.org>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <199903101224_MC2-6D6A-EC6C@compuserve.com>
Precedence: bulk

As of this morning there are now 45 maps in the pocketAPRS map directory, with a fairly even representation of locales throughout the U.S. The maps live in the /aprssig/palmstuff/palmmaps/ directory on the TAPR FTP server, and there is an index file:

ftp://ftp.tapr.org/aprssig/palmstuff/palmmaps/00Map_Index.txt

With the exception of Los Angeles and San Diego (which are in process), we should be caught-up on everyone's request. If you're a pocketAPRS user and a

map which covers your area isn't in the list yet, let me know and we'll get right on it.

pocketAPRS Web Page - <http://www.anet-stl.com/~mcmusick/>

=====

I've really stuck my head out now and created a web page for pocketAPRS. It contains general information, a map-based index of available map files, the programmer's documentation of the map file format, and links to various sites of importance. It is definitely under construction, but it's a start!

...mike/N0QBF
71301.3106@compuserve.com

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To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org

From bounce-aprsnews-839@lists.tapr.org Thu Mar 11 15:34:17 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.8.5/8.8.5) with SMTP id PAA26917
for <lyris.aprsnews@tapr.org>; Thu, 11 Mar 1999 15:34:12 -0600 (CST)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Thu, 11 Mar 1999 16:13:46 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: aprsnews@tapr.org
Subject: [aprsnews] APRS835 Release (DOS)
Message-ID: <LYR839-10270-1999.03.11-15.27.23--
lyris.aprsnews@tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.9903111607520.26091-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Version 835 is another attempt to get the Phone line dialing working for APRStel so that DOS users can download the "big picture" from APRServe.

Other tweaks:

- * added MAPS-ARROW keys for single key shifting of the map updown, left or right while mobile (Thanks Byron)
- * Vicinity plots now show a Question mark ICON and no callsign
- * Other Minor tweaks and improvements.

APRS834 did not work right with all modems, so it should be removed. Sorry for the trouble. There are lots of modems out there, and doing it right was not as easy as I thought. In that sense, 835 is sort of another beta along that objective...

bob

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To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org

From bounce-aprsnews-839@lists.tapr.org Thu Mar 11 19:07:42 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.8.5/8.8.5) with SMTP id TAA03558
for <lyris.aprsnews@tapr.org>; Thu, 11 Mar 1999 19:07:40 -0600 (CST)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Thu, 11 Mar 1999 18:50:28 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] APRS835 bug
Message-ID: <LYR839-10320-1999.03.11-19.09.36--
lyris.aprsnews@tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GSO.4.05L.9903111845030.6779-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Sorry, just got report and confirmed that although 835 now will dial in by modem, the message ACKS got busted! So dont get it (unless you want to play with the Modem download and help me find any more problems). Sorry for your time and I appreciate your patience. I am not able to log on to

TAPR to kill 835 tonight... will kill/fix it in the morning.

Argh... :-(

bob

You are currently subscribed to aprsnews as: lyris.aprsnews@tapr.org
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org

From bounce-aprsnews-839@lists.tapr.org Fri Mar 12 18:57:06 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.8.5/8.8.5) with SMTP id SAA01928
for <lyris.aprsnews@tapr.org>; Fri, 12 Mar 1999 18:57:02 -0600 (CST)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Fri, 12 Mar 1999 19:48:50 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] APRS835 BUG!
Message-ID: <LYR839-10474-1999.03.12-18.59.00--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GSO.4.05L.9903121940590.23676-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

It has been a Bad nite. Yes, APRS835 has a bug and should be exterminated. APRS836 is now posted. Main feature is the MODEM download feature permitting DOS users to dial in and get the full APRServe picture.

It was a rollercoaster. WB3ANQ sent me a message that 835 was not doing ACKS, and I panicked and announced here the bug since I was going to be out all evening and couldnt fix or remove it from TAPR. After much troubleshooting, it turns out that the only reason the messages were not getting through were because he had changed his UNPROTO in his HT to "ALL" which is not a standard APRS TOCALL (APRS ignores packets except to the

special APRS list).

But in looking closely I found other strange behavior. Some messages/acks worked and some didnt. Drove me crazy for 8 full hours of troubleshooting. FINally tracked it down to random SPACE characters being tacked onto the end. You can't SEE SPACES! ARGH...

So now 836 is posted, but it has been a very painful process.

Sorry for the trouble... bob

You are currently subscribed to aprsnews as: lyris.aprsnews@tapr.org
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org

From bounce-aprsnews-839@lists.tapr.org Sun Mar 14 17:28:50 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.8.5/8.8.5) with SMTP id RAA18997
for <lyris.aprsnews@tapr.org>; Sun, 14 Mar 1999 17:28:46 -0600 (CST)
Date: Sun, 14 Mar 1999 17:34:01 -0500
From: Mike Musick <71301.3106@compuserve.com>
Subject: [aprsnews] pocketAPRS - Lotsa News
Sender: bounce-aprsnews-839@lists.tapr.org
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Message-ID: <LYR839-10692-1999.03.14-17.30.49--
lyris.aprsnews@tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <199903141736_MC2-6DD7-7A39@compuserve.com>
Precedence: bulk

It has been a very busy weekend.

pocketAPRS - Beta v0.25 Release
=====

An "unplanned" release of a new version is now up on the server. There was

nothing seriously wrong with the old one, but the new version was stable in testing, added some stuff, and fixed a couple of minor "gotchas". A quick synopsis:

- New station list display choice showing distance and bearing.
- Automatic beaconing ("Auto" on Transmit control screen) based on distance since last beacon.
- Self-tracking positions now come from GPS and not digi'ed packets.
- Self-tracking and centering based on distance traveled and map scale.
- Infrequent crash problem on map and station views found and fixed.
- PacComm Tiny-2 added to TNC choices.

The "Auto" beacon is the most compelling and interesting of the changes. With this enabled (on the "Transmit Control" screen), a posit beacon will be sent after travelling one mile since the previous posit. This way, the timer can be set for a stationary rate (say, every fifteen minutes) and the distance-based beacon can handle the need for position update. Stop, and the stationary rate takes control. Plus, if the time stopped exceeds the stationary rate, as soon as movement is detected (1/10 mile), a fresh position is sent.

The Tiny-2 TNC selection is experimental and may not be definitive. I'll need feedback from Tiny-2 users whether this solved the initialization problem.

More Maps Uploaded =====

A bunch of new maps have been uploaded to the FTP server. Included are detail maps of Kansas City and Springfield, MO; Olympia, WA; and Las Vegas, NV.

The biggest group is coverage for Southern California. There is a new regional overview (not too good at high magnifications, though), plus detail maps for Bakersfield, Barstow, Antelope Valley, Victorville, Orange County, San Diego and San Bernardino.

I'm still cranking, and maps on the "soon" list are a bunch for the Pacific Northwest, plus Indianapolis, St. Paul/Minneapolis, Memphis, Amarillo and Houston. If your need hasn't been met yet or isn't on this list, let me know (or remind me) and we'll move it up the ladder.

MacDLG v2.02 Released =====

The Macintosh-based APRS map generator, MacDLG, has been lying fallow for over a year. It has been poked and prodded a lot in recent months to produce pocketAPRS maps, and seems to do a passable job at generating maps for US

locations. The program is a self-extracting archive file, and contains documentation in PDF form. Download it from:

<ftp://ftp.tapr.org//aprsig/macstuff/macmisc/MacDLGv2.02.sea>

All the pocketAPRS maps on the FTP were generated with MacDLG. There is a big warning about a crash problem which sometimes strikes with a vengeance, yet at other times I can run two dozen or so without a glitch.

While it will run on 68K Macs with little trouble, there is "the need for speed" as well as RAM if you intend to generate maps comparable to those in the /palmmaps/ folder. I use a 300MHz G3 desktop and a 266MHz iMac, each with 96MB RAM, and a 40x40 mile detail view of a major metro area (200-250K points) will take about an hour to distill.

A favor to ask of those interested in doing pocketAPRS maps - for anything beyond local-area maps for personal use, let's coordinate production so effort isn't duplicated.

[whew!] Maybe I oughta take a couple of hours off and catch my breath. :-)

...mike/N0QBF
71301.3106@compuserve.com

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.9) with SMTP id OAA12434
for <lyris.aprsnews@tapr.org>; Wed, 17 Mar 1999 14:11:53 -0600 (CST)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 17 Mar 1999 14:52:26 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: aprsnews@tapr.org
Subject: [aprsnews] APRSmax v 837
Message-ID: <LYR839-11176-1999.03.17-14.14.05--
lyris.aprsnews@tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>

List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <Pine.GS0.4.05L.9903171449000.3898-100000@arctic>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

Just posted AMAX837 which is a MAX version of 837. It can hold double the number of stations (about 200 vs 100). This is also an advantage when using it to Dial in to APRStel since it then can capture the whole APRServe snapshot into only 6 files instead of the usual 15 for APRS837.

The modem dial-in stuff is still experimental. It works on all my old DOS machines, but folks are having troubles with Windows, 56k modems and all the new stuff. So if it doesnt work for you, I appologize for the 15 cent call... If you learn anything about what doesnt work, lemme know..

bob

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From bounce-aprsnews-839@lists.tappr.org Fri Mar 19 10:02:02 1999
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.9) with SMTP id KAA25863
for <lyris.aprsnews@tappr.org>; Fri, 19 Mar 1999 10:02:00 -0600 (CST)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Fri, 19 Mar 1999 10:42:20 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Subject: [aprsnews] APRS/GPS at Dayton
Message-ID: <LYR839-11399-1999.03.19-10.04.17--
lyris.aprsnews#tappr.org@lists.tappr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <Pine.GS0.4.05L.9903191023490.9585-100000@arctic>
Sender: bounce-aprsnews-839@lists.tappr.org

Precedence: bulk

For 1999,

- * I have added LAT/LONG grids to the maps in the Hamvention Magazine for convenience. (ie, a THD7 reporting from a bar or restaurant...)

- * Things we need:

- 1) Someone to set up a TAPR DGPS transmitter at Dayton. Probably low power on 144.99 (note this is +600 from 144.39)
- 2) Several stations (half dozen) to build Vicinity Digipeaters so we can track THD7 users indoors (this is simply a nearly deaf receiver and a normal "trace" DIGI TNC. Contact me.)
- 3) Someone to be the official surveyor to use his best techniques to survey the four corners of the Hamvention grounds so that our maps next year will be "perfect".

If you can take one of these balls and run with it, let me know.
de WB4APR, Bob

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From bounce-aprsnews-839@lists.tapr.org Sat Mar 20 07:50:11 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.9) with SMTP id HAA14106
for <lyris.aprsnews@tapr.org>; Sat, 20 Mar 1999 07:50:09 -0600 (CST)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Fri, 19 Mar 1999 20:10:34 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] Mobiles using RELAY,WIDE
Message-ID: <LYR839-11601-1999.03.20-07.52.28--
lyris.aprsnews@tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>

List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <Pine.GSO.4.05L.9903192000130.13252-100000@arctic>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

If you operate mobile, we may have just discovered something that may improve your tracking.

We have always recommended that mobiles use RELAY,WIDE... as their path so that they can digipeat via any nearby APRS stations if they cannot hit the WIDE directly. This fundamental assumption that ALL APRS stations serve as a RELAY is important to the concept of the APRS generic network.

It turns out that the automatic setting of MYAlias to RELAY has not been the default in recent versions of WinAPRS, so those stations on the map, may not be serving as RELAY's for nearby mobiles. If your station is well situated and you are expecting it to be serving as a RELAY, then you should check your TNC and be sure that it has MYALIAS RELAY properly set.

Thanks.

bob, WB4APR

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To unsubscribe send a blank email to leave-aprsnews-839E@lists.tappr.org

From bounce-aprsnews-839@lists.tappr.org Sat Mar 27 09:07:09 1999
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.9) with SMTP id JAA23534
for <lyris.aprsnews@tappr.org>; Sat, 27 Mar 1999 09:07:07 -0600 (CST)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Fri, 26 Mar 1999 23:08:39 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Subject: [aprsnews] APRS Mic-Lite
Message-ID: <LYR839-12678-1999.03.27-09.09.46--
lyris.aprsnews#tappr.org@lists.tappr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0

List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <Pine.GSO.4.05L.9903262251490.14402-100000@arctic>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

Two NEWS items about the MIM Module:

- 1) APRS Engineering LLC has taken over the production of the ubiquitous MIM module from Clement engineering and has lowered the price to \$79 plus \$4 S&H.
- 2) The MIM can be easily used as a miniature APRS Mic-ENcoder with only the addition of two external diodes. You can add as many or as few of the front panel switches to suit your operating needs.

We can call this the Mic-Lite(tm). I just delivered the materials for 100 boards to the assembler today and hope to be shipping in 2 weeks.

APRS Engineering LLC Sorry, no credit cards...
115 Old Farm Ct
Glen Burnie, MD 21060

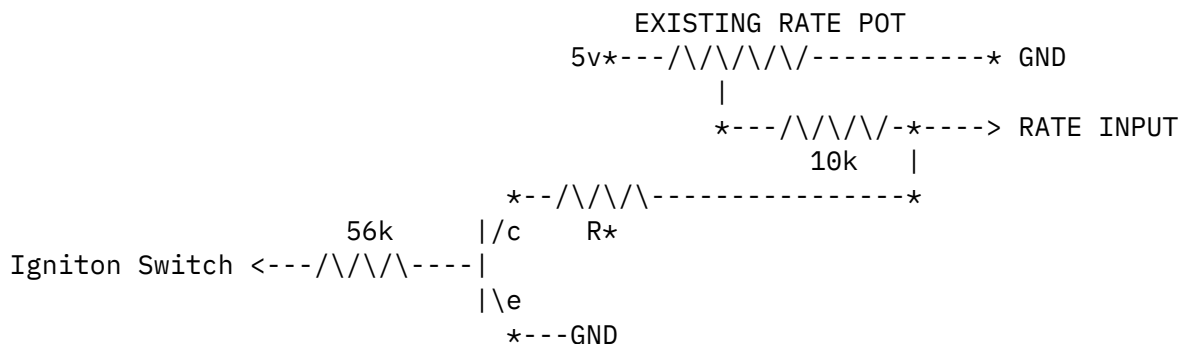
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From bounce-aprsnews-839@lists.tappr.org Sun Mar 28 10:19:21 1999
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.9) with SMTP id KAA18469
for <lyris.aprsnews@tappr.org>; Sun, 28 Mar 1999 10:19:20 -0600 (CST)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Sun, 28 Mar 1999 11:04:33 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Subject: [aprsnews] MIM Variable Rate Mobiles
Message-ID: <LYR839-12822-1999.03.28-10.21.56--
lyris.aprsnews#tappr.org@lists.tappr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>

List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
 X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
 Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
 X-Message-Id: <Pine.GS0.4.05L.9903281020110.13055-100000@arctic>
 Sender: bounce-aprsnews-839@lists.tappr.org
 Precedence: bulk

One other thing about the MIM, Mic-E and Mic-Lite are that they make excellent stand alone trackers and can vary their rate according to the ignition on or off. Their main advantage is the front panel controls for setting the DIGIPEATER PATH, the MESSAGE, and the RATE. (Normal TNC trackers need a laptop to reconfigure them).

Although simply remembering to turn the RATE POT down when you leave the car and UP when you are driving, is one way, the automatic method uses one transistor as follows:



NOTE: you must insert a new 5k resistor in series with the existing RATE pot input so that the new circuit can share the input as shown.

Now, Software program your Mic-E to a peak rate of 1 minute so the the 16:1 front panel RATE pot gives you a range of 1 to 16 minutes. The added transistor and new value R are switched in when the ignition switch is on. Although the front panel RATE pot can still override to any setting, set it normally to your desired max value, say 16. Now then you can choose R to give you:

PANEL POT will set the maximum period when the ignition is off.

- R = 0 will always force the peak rate no matter where the pot is
- R = 2k will force at least a MAX/8 rate
- R = 4k will force at least a MAX/4 rate
- R = 10k will force at least a MAX/2 rate

(These values are approximate, your milage will vary. But they show how you can modify the circuit to your preferences).

Again, you can use this circuit on any Mic-E, MIM or Mic-Lite. The next batch of MIM's (Mic-Lites) will be shipping by 15 April we hope. \$79 ea

plus \$4 S&H.

APRS Engineering LLC (sorry, no credit cards yet)
115 Old Farm CT
Glen Burnie, MD 21060

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From bounce-aprsnews-839@lists.tapr.org Mon Mar 29 18:06:03 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.9) with SMTP id SAA28909
for <lyris.aprsnews@tapr.org>; Mon, 29 Mar 1999 18:06:00 -0600 (CST)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 29 Mar 1999 17:50:47 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] APRSdos ver 838
Message-ID: <LYR839-13044-1999.03.29-18.08.44--
lyris.aprsnews@tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.9903291747460.2395-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

APRSdos Ver 838 includes major revisions to the following README files to reflect the use of the MIM module as a half-price Mic-E.

Mic-Lite.txt
MIM.txt
Mic-E.txt
TELEMETRY.TXT

Ver 838 also cleans up some PROMPT responses that would not accept a null response. Also the OPS-FIND-GRIDSQUARE command no longer needs a leading "[" to indicate gridsquare...

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From bounce-aprsnews-839@lists.tapr.org Tue Mar 30 18:53:46 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.9) with SMTP id SAA02273
for <lyris.aprsnews@tapr.org>; Tue, 30 Mar 1999 18:53:44 -0600 (CST)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Tue, 30 Mar 1999 13:49:50 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] APRS Mile Markers
Message-ID: <LYR839-13262-1999.03.30-18.55.06--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GSO.4.05L.9903301336050.9835-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

For mobiles without GPS, milemarkers are still the primary means of locating mobile operators cruising the interstates and chatting by voice on 2 meters or CB.

APRSDos has the command MM-VA95-123 for example which will draw a line intersecting I95 in Virginia at mile mark 123. This is useful for locating other stations you may be in voice communications with but who are not using GPS.

KB2LML just sent me the MM's for the NY State Thoroughway system and I just added them to a new 30 March edition of APRS838. I still need milemarks for I-81, 88 and 390 in NY. In addition, I still need MM's for CT, MA, ME, NH, PA and VT.

The data base only needs the LAT/LONG of a few of the MM's. Only at the beginning, end and any major changes in direction. The ones in between

are automatically interpolated.

Also, if your state is already included in the data base, you might try the command and verify the posit. I do NOT expect accuracy much better than a few miles or so. This capability is only to approximate locations, not give precision...

de WB4APR, Bob

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.9) with SMTP id SAA02299
for <lyris.aprsnews@tapr.org>; Tue, 30 Mar 1999 18:54:06 -0600 (CST)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Message-Id: <LYR839-13265-1999.03.30-18.55.19--
lyris.aprsnews@lists.tapr.org>
Date: Tue, 30 Mar 1999 16:39:26 -0600
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Subject: [aprsnews] Garmin GPS-25 Price Drop
Cc: " PSR " <psr@tapr.org>
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <v04020a08b32700af40bd@[128.83.74.103]>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

TAPR has been able to drop the price of the Garmin GPS-25 OEM recv by \$49.

The price for the GPS-25 in single Qty is now:

Member Price: \$135

Non-Member Price: \$150

Check <http://www.tapr.org/tapr/html/Fgps25.html> for further details.

Cheers - Greg, WD5IVD

Tucson Amateur Packet Radio
8987-309 E Tanque Verde Rd #337 * Tucson, Az * 85749-9399

e-mail: tapr@tapr.org web: <http://www.tapr.org/>
ftp: [ftp.tapr.org](ftp://ftp.tapr.org)
phone: 940-383-0000 fax: 940-565-2544

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From bounce-aprsnews-839@lists.tapr.org Wed Mar 31 15:15:41 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.9) with SMTP id PAA24498
for <lyris.aprsnews@tapr.org>; Wed, 31 Mar 1999 15:15:37 -0600 (CST)
Message-ID: <LYR839-13389-1999.03.31-15.18.25--
lyris.aprsnews@lists.tapr.org>
From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] replying to APRSNEWS
Date: Wed, 31 Mar 1999 15:13:47 -0600
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <1B66FFC6BE1CD211A0620008C7A42AC2731F2F@mrdnexch01.ct.adc.com>
Sender: bounce-aprsnews-839@lists.tapr.org
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If you wish to respond to an APRSNEWS item, please do not address your response to APRSNEWS. Instead, address it to the person who originated the APRSNEWS item. (For example, if WB4APR makes an announcement via APRSNEWS, address your responses to WB4APR, not APRSNEWS.)

APRSNEWS is intended as a platform for making announcements concerning new APRS developments. It is not intended as a platform for the discussion of new APRS developments. Other APRS SIGs serve that purpose.

Thank you for your cooperation,

Stan, WA1LOU, APRSNEWS administrator

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.9) with SMTP id JAA05567
for <lyris.aprsnews@tapr.org>; Fri, 2 Apr 1999 09:14:37 -0600 (CST)
Message-ID: <LYR839-13611-1999.04.02-09.17.31--
lyris.aprsnews@tapr.org@lists.tapr.org>
From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] WinAPRS 2.2.7 / MacAPRS 3.2.7
Date: Fri, 2 Apr 1999 09:13:08 -0600
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <1B66FFC6BE1CD211A0620008C7A42AC2731F3E@mrdnexch01.ct.adc.com>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

From: Mark Sproul [mailto:msproul@ap.org]
Sent: Friday, April 02, 1999 9:36 AM
To: TAPR APRS Special Interest Group
Subject: [aprsmsg] WinAPRS 2.2.7 / MacAPRS 3.2.7

I have posted WinAPRS 2.2.7 and MacAPRS 3.2.7 today

Below are the changes

There is also IGATE version, lite version, and W227smal.zip, this is a smaller distribution file that will fit on one floppy, it is the full version (not the lite version)

PLEASE NOTE

THE LITE version and the IGATE version were compiled with some new ICONS, some of them are going to be messed up and some are going to be much better. We are working on re-doing ALL of the windows icons.

MacAPRS Version 3.2.7 - April 2, 1999
WinAPRS Version 2.2.7

Tiger Web server and Map Blast web server interface completed.

Added internet based callsign look up (from station lists)
Added ability for IGates to auto-forward NWS Warnings/Watches for their local counties.
Added ability to open multiple maps into one map window
Mic-Encoder packets received by an IGate are translated to a normal position report for sending on to APRServe
Message Acks are now new msg format
Support of SYMxyz added in addition to GPSxyz
Added support for TELNET proxy for APRServe connection, see APRServe.txt
On closing TNC, the TNC is set to have a BEACON TEXT and BE 240 (40 minutes) for a static position

Down load the latest version from

Windows Version

Rutgers site at <ftp://aprs.rutgers.edu/pub/hamradio/APRS/WinAPRS/>
TAPR site at <ftp://ftp.tapr.org/aprssidg/winstuff/WinAPRS/>

Mac Version

Rutgers site at <ftp://aprs.rutgers.edu/pub/hamradio/APRS/MacAPRS/>
TAPR site at <ftp://ftp.tapr.org/aprssidg/macstuff/MacAPRS/>

Mark Sproul	
Software Engineer @ Assoc Press	Work: 609-860-7120
msproul@ap.org	Fax: 609-860-7129

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From bounce-aprsnews-839@lists.tapr.org Fri Apr 2 20:24:47 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.9) with SMTP id UAA25992
for <lyris.aprsnews@tapr.org>; Fri, 2 Apr 1999 20:24:43 -0600 (CST)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs

Date: Fri, 2 Apr 1999 16:57:39 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: TAPR APRS Special Interest Group <aprssig@lists.tapr.org>
Subject: [aprsnews] KPC-3,Mic-E,Mic-Lite,MIM,Pic-E?
In-Reply-To: <LYR1650-13569-1999.04.01-22.47.05--
BRUNINGA#GREATLAKES.NADN.NAVY.MIL@lists.tapr.org>
Message-ID: <LYR839-13680-1999.04.02-20.27.40--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.9904021617110.13791-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

> [What is].. the best type of TNC/Encoder for use as a mobile tracker.
> Be it KPC-3+,PicoPaket MIM,PIC-E...?

Depends on your application. Here is an attempt to summarize:

KPC-3+: Full TNC. Can be used for any/all packet. Can also be used
as a dumb tracker on 144.39 or a mobile APRS with a PC...
Needs PC to reconfigure. (PATH,RATE). No status messages.

Mic-E: All APRS Mic-E functions. Wired and tested board, box and all
parts. You do mic connections. Operates in several modes:

- 1) Mic-E, puts Posit, status, one-word messages and Telemetry
in .3 sec burst on tail end of voice transmissions.
Thus only one radio needed in vehicle. Front panel
selection of PATH, RATE, and MESSAGE (1 of 7).
- 2) Stand alone smart tracker on 144.39. Has front panel
controls for PATH, RATE, and MESSAGE (1 of 7). Add one
transistor to change rates when ignition is on or off.
- 3) MIM mode has 5 analog channels and 8 digital telemetry bits
Plus GPS position reports, BText and CW-ID. Ideal for
Balloons.

APRS MIM (Mic-Lite): Same as Mic-E but 90% smaller. Wired and tested
Board, but you supply box, and front panel controls/switches
connectors, etc. Can operate in all 3 modes above.

Pic-E: Basic Mic-E clone, but without telemetry and front panel controls. Kit only. Reverse engineered to cut costs and make source code available and avoid royalties to TAPR Mic-E developers. Provides development platform for further amateur development of new AX.25 ideas. Software also available to make it a stand-alone WX system. Pic-E is re-programable.

de WB4APR, Bob

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.9) with SMTP id SAA09913
for <lyris.aprsnews@tapr.org>; Sun, 4 Apr 1999 18:58:56 -0500 (CDT)
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Message-Id: <LYR839-14015-1999.04.04-19.01.59--
lyris.aprsnews@tapr.org@lists.tapr.org>
Date: Sat, 3 Apr 1999 19:29:53 -0600
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Subject: [aprsnews] MIM/MIC-E/PIC-E Question (was Re: MIM Symbol still unpredictable)
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <v04020a1ab32c5d4f3e45@[24.93.57.178]>
<LYR2620-13811-1999.04.03-12.58.09--wd5ivd@tapr.org@lists.tapr.org>
<LYR3832-13804-1999.04.03-12.22.40--GERHARDT#HCTC.COM@lists.tapr.org>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk
Content-Transfer-Encoding: 8bit
X-MIME-Autoconverted: from quoted-printable to 8bit by tapr.org id SAA09913

>I am into APRS and have a Mic-E encoder. I keep hearing about PIC-E and
>MIM.

>

>Can someone educate me and others new to this game as the differences of

>MIC-E, PIC-E and MIM.

>

>I never knew there was anything other than Mic-E until after I purchased one
>and subscribed to this reflector.

>

Hi Herb.

Basically....

The MIM is a standalone PIC chip that provide AX.25 UI packet framing, APRS compressed encoding, and also does the modem modulation all in one PIC chip (plus a few other cool things). Bob, WB4APR, now handles this item based on some recent messages. See that previous message for details on the availability of the MIM module.

MIC-E. Three years ago PacComm approached TAPR to help with the development of a standalone tracker which uses the MIM module that Clements Eng was mfg at that time. After a years worth of work by PacComm, TAPR, a small development team, and beta test group of 50 the APRS MIC-Encoder rolled out. It provides MIM/MIC-E functionality in a rolled unit with enclosure and interfaces all packaged together. This allows you to configure it for different radio interfaces, plus it has some other bells and whistles on it. The web page for the MIC-E is <http://www.tapr.org/tapr/html/Fmic-e.html> There is also a MIC-E list on our list system (<http://www.tapr.org/cgi-bin/lyris.pl>) that supports the kit and the mail archives is a good resource (<http://www.tapr.org/cgi-bin/wilma>). The MIC-E page points to the latest specification on the APRS MIC-E protocol. The Kenwood HT uses the same, if a little different, protocol. TAPR supports a list for the Kenwood HT as well along with all these other APRS related lists (<http://www.tapr.org/cgi-bin/lyris.pl?enter=htaprs>)

The TAPR PIC-E project was started about a year ago as a AX.25 transmitting device to allow people to do interesting things with and learn more about PIC programming and AX.25 packet radio. In its current form it is a PIC chip and Modem chip with a basic interface. It isn't a TAPR APRS MIC-E or a MIM module. I have read a message recently saying that, but it is not a clone of the MIC-E or MIM. There is one of several software modules that eliminates MIC-E like functionality based on the protocol specification that was published with the MIC-E when PacComm and TAPR released the joint APRS MIC-E kit. You should check the web page and the ftp site for what other modules are already written and the PICSIG list for information on development issues. The web page for it is:
<http://www.tapr.org/tapr/html/Fpice.html>

The MIC-E is currently sold to the amateur radio community via TAPR. PacComm is handling the commercial aspects of the unit. Last I checked we

still have some 40-50 units in stock at the office from the last large order we received in Nov/Dec.

The PIC-E just finished its evaluation stage. TAPR sold 50 eval units to members and took feedback on the unit before continuing on with the production kit. The development group just finished working on that feedback and we are starting to gear up for providing PIC-E kits around or before (I hope) Dayton. Orders are being taken now for it at the office to gauge the number of kits we need to do in the first round.

Each of the units described above provides something different. The MIM module is very small and perfect for a lot of applications where weight and power consumption is a consideration (i.e. balloons, runners, etc). The APRS MIC-E is a great standalone tracker for mobile use. The TAPR PIC-E(ncoder) is a development/educational/experimenters package that will (I hope) provide a basis for many future and next generation projects well beyond what the MIC-E or MIM do as APRS only devices.

As a side note: As many of you understand, PIC development is going to play a big part in a lot of future projects that TAPR and the hobby in general rolls out in the next several years. The more we can do to bring the community up to speed on the capabilities of these devices the better off we will be in having talent around to support and create new devices for the rest of us to play with. (end of soap box :-)

Hope that helps answer your question Herb.

Cheers - Greg Jones, WD5IVD
President TAPR

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Greg Jones, WD5IVD
President TAPR (<http://www.tapr.org>)
PhD Candidate, Instructional Technology, UT Austin

email: wd5ivd@tapr.org
web: <http://www.tapr.org/~wd5ivd>

Experience is what you get when you were expecting something else.

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From bounce-aprsnews-839@lists.tapr.org Mon Apr 5 07:22:09 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.9) with SMTP id HAA15341
for <lyris.aprsnews@tapr.org>; Mon, 5 Apr 1999 07:22:08 -0500 (CDT)
From: K7pyd@aol.com
Message-ID: <LYR839-14107-1999.04.05-07.24.20--
lyris.aprsnews@tapr.org>
Date: Sun, 4 Apr 1999 23:12:16 EDT
Subject: [aprsnews] Radio Shack Stand alone repeater for any frequency.
To: "APRS Announcements" <aprsnews@lists.tapr.org>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <3235478a.24398410@aol.com>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

I am new to this news group and I hope I am posting to the correct address.
This month Radio Shack flyer was advertising a small repeater that would
store information and then rebroadcast it. The time limit was 30 seconds.
It is about the size of a pack of Cig. and uses 4 AAA battery"s. It works
with a HT or other radio. It is shown in QST November 1998 page 27. It
seems to me it would work very nice as a mini repeater reproducing the packet
signal. I would like to here some comments about using this mini repeater to
extend the range of the base station.
Bob K7pyd@aol.com

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From bounce-aprsnews-839@lists.tapr.org Mon Apr 5 12:10:07 1999

Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.9) with SMTP id MAA25735
for <lyris.aprsnews@tappr.org>; Mon, 5 Apr 1999 12:10:03 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 5 Apr 1999 12:45:56 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Subject: [aprsnews] [mic-e] Re: Open Letter to Bob, WB4APR (was Re: Mic-E
Background)
Message-ID: <LYR839-14190-1999.04.05-12.13.03--
lyris.aprsnews#tappr.org@lists.tappr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <Pine.GSO.4.05L.9904051243520.20998-100000@arctic>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

Sorry Greg, TAPR and the SIGS

I guess I thought that I had agreed to your proposal that TAPR use APRS and Mic-E to our mutual benefit and that everything was OK. I welcome the Pic-E as a development platform for more APRS applications, I love thinking up new applications and this is a well needed addition.

I was just surprised at the apparent effort to avoid any reference to the Mic-E in its promotion except a footnote. TAPR does great work and is a an invaluable resource to the amateur community. I strongly support it.

Yes, I am guilty of feeding my adiction to Ham radio from the \$3 per Mic-E sold. But, if half the people at a HAMFEST were not selling anything, then there would be nothing for the rest of us to buy...

No need to coment on the rest of the garbage.

de WB4APR

P.S. Yes, the unsung hero's of TAPR are Greg jones, Steve Dimse, Steve Bible, Ron Parsons and the many many others who do this as pure volunteers.

Some of us can afford our HAM Radio adictions independently..., some of us

need a little return to justify the hours...

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To unsubscribe send a blank email to leave-mic-e-3821J@lists.tappr.org

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To unsubscribe send a blank email to leave-aprsnews-839E@lists.tappr.org

From bounce-aprsnews-839@lists.tappr.org Tue Apr 6 13:09:32 1999
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.9) with SMTP id NAA29059
for <lyris.aprsnews@tappr.org>; Tue, 6 Apr 1999 13:09:31 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Tue, 6 Apr 1999 13:50:41 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tappr.org>
cc: aprsnews@tappr.org
Subject: [aprsnews] APRS Nationwide checkin...
In-Reply-To: <LYR1650-14010-1999.04.04-18.56.34--
BRUNINGA#GREATLAKES.NADN.NAVY.MIL@lists.tappr.org>
Message-ID: <LYR839-14341-1999.04.06-13.12.34--
lyris.aprsnews#tappr.org@lists.tappr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <Pine.GS0.4.05L.9904061316350.29821-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

Last week I suggested:

> The Houston AMSAT net is carried live once a week via C band satellite

> to 2 meter re-broadcast stations nationwide. The nationwide APRServe
> system could serve as a way for distant listeners to check-in by sending
> a single 1 line APRS message.

There was some interest in persuing this, but the Net Control in Houston
is not currently on APRS. Rather than encumbering their net, it might be
better to test if first. I just put an AUTOANSWER on my APRServe station
(WB4APR-6) saying "QSL your TEST Checkin".

This test does NOT coincide with the AMSAT net. At any time for the next
24 hours, from anywhere on 144.39, just send a one liner to WB4APR-6.
Lets see if it works...

The Houston AMSAT net via satelllite is a one-to-all distribution system.
APRServe can be used as a many-to-one capabilty. This is just a test
of that potential... Could also be used for other such very-wide area
amateur events, such as SAREX, Ballooon launches, etc...

Here is what I had originally suggested for the AMSAT net:

> 1) Netcontrol should set his APRS AUTO-REPLY message to something like:
> "QSL your checkin".
>
> 2) Netcontrol should announce his APRS station callsign on the net and
> ask for checkins from everywhere.
>
> 3) Stations anywhere should send a BRIEF message to that callsign such as
> "Checkin, Bob in Atlanta"
> "Checkin, Sam in Norfolk, with a Query"
> "Checkin, Steven in Miami with a comment"
>
> 4) As we get better at it, then everyone can set their ALTNET to AMSAT
> and then it will be more cozy as all the other hundreds of stations
> natiowide on APRS will be filtered out and only the AMSAT checkins will
> show on the Netcontrols's APRS map.
>
> 5) And FINALLY, once #4 is done, then the NETCONTROL map will ONLY show
> the AMSAT stations and this will make a nice APRS Map display for the TV
> camera... OOPS, forgot that this is audio only... shucks)... But it is
> TRIVIAL to use Steve Dimse's JavAPRS to set up a live WEB page showing the
> live map display.
>
> SO.... Hows that for the perfect marriage of Ham Radio, Satelllites and
> the internet!
>
> de WB4APR, Bob

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.9) with SMTP id NAA00332
for <lyris.aprsnews@tapr.org>; Tue, 6 Apr 1999 13:20:48 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Tue, 6 Apr 1999 14:13:48 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: aprsnews@tapr.org
Subject: [aprsnews] Re: [aprssig] APRS checkin... (rev-1)
In-Reply-To: <LYR1650-14331-1999.04.06-12.53.56--
BRUNINGA#GREATLAKES.NADN.NAVY.MIL@lists.tapr.org>
Message-ID: <LYR839-14349-1999.04.06-13.23.50--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GSO.4.05L.9904061411030.8023-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

On Tue, 6 Apr 1999, Bob Bruninga wrote:

> better to test first. I just put an AUTOANSWER on my APRServe station
> (WB4APR-6) saying "QSL your TEST Checkin".
>
> This test does NOT coincide with the AMSAT net. At any time for the next
> 24 hours, from anywhere on 144.39, just send a one liner to WB4APR-6.
> Lets see if it works...

OOPs, also indicate whether you are via RF or Internet in the checkin.
Thanks. If you get the QSL, then it worked.
bob

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From bounce-aprsnews-839@lists.tapr.org Wed Apr 7 18:34:05 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.9) with SMTP id SAA10085
for <lyris.aprsnews@tapr.org>; Wed, 7 Apr 1999 18:34:04 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 7 Apr 1999 13:36:51 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: aprsnews@tapr.org, wd5dzc@amsat.org
Subject: [aprsnews] Houston Nationwide AMSAT net checkins
In-Reply-To: <LYR1650-14331-1999.04.06-12.53.56--
BRUNINGA#GREATLAKES.NADN.NAVY.MIL@lists.tapr.org>
Message-ID: <LYR839-14588-1999.04.07-18.36.57--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GSO.4.05L.9904071259010.13497-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Last week I suggested:

- > The Houston AMSAT net is carried live (audio only) once a week via C
- > band satellite to 2m/70cm re-broadcast stations nationwide. The
- > nationwide APRServe system can serve as a way for distant listeners
- > to check-in by sending a single 1 line APRS message to netcontrol.

We did an informal test last night (independent of the actual net) and got about 30 checkins from AL,CA,GA,FL,IA,ID,MD,NE,PA,TX,VA,WA. After the net, I talked with WD5DZC, Marty who is in Houston and already takes other checkins via a variety of comm systems. Since he has been on APRS for years, he volunteered to take APRS checkins. So here is how it will work:

CHECKIN: APRS stations should send a BRIEF message to WD5DZC such as
"Checkin, Bob in Atlanta"
"Checkin, Sam in Norfolk with scout troop"
"Checkin, Steven in Miami with 5 others..."

Marty's message list in APRS will then show a list of everyone who checked in. If there is time he will acknowledge it on the voice net. Otherwise, if you get his ACK or his auto-reply message, then you are listed...

de WB4APR, Bob

DETAILS: For the more curious...

SATELLITE: GE1 at 83 deg W. Xponder 12 sound subcarrier 5.7 MHz. On Tuesday nights at 8 PM CDT. Scan the 2m/70cm band in your area for any repeater that may already be carrying it.

REPLY: Marty will probably post an Auto-Answer msg like the following:
"AA:QSL ur checkin. 25 so far at 0130z."
He will probably update this a few times if he has time...

MAPS: Until we refine the procedure, MARTY will be seeing about 1000 to 2000 stations on his APRS map (everyone currently on the air), so dont expect him to see your position. Later we will activate a filter, so he only sees the AMSAT checkin stations. Until then, include you city,state in your one-line brief checkin.

NON-APRS STATIONS: Even if you don't have APRS, any packet station will do. just type an APRS formatted message as follows:

- 1) Tune your packet station to 144.39 anywhere in north america
- 2) Set UNPROTO APRS VIA WIDE,WIDE
- 3) Go to CONVerse
- 4) Type the following exactly with your own comments...
:WD5DZC :Checkin..... {1

- 5) Then watch the on air packets for any reply. If you see his REPLY packet addressed to you OR you see an ACK, then you made it... An auto-reply or ACK will simply look like:
:URCALL :AA:QSL ur checkin.....
:URCALL :ack1
- 6) If after several seconds, you dont get it, type it again. If you still dont get it after several tries, give up. it means either there is no APRS Igate in your area... or something else (who knows where) is wrong...

* Notice that the message format begins with a 9 character callsign beginning and ending with a COLON. In the examples above with no SSID's, you have to insert SPACES out to 9.

* Its far easier, of course, just to download any of the

versions of APRS from <http://www.tapr.org>

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.9) with SMTP id SAA10101
for <lyris.aprsnews@tapr.org>; Wed, 7 Apr 1999 18:34:15 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 7 Apr 1999 11:29:44 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] APRS
Message-ID: <LYR839-14595-1999.04.07-18.37.22--
lyris.aprsnews@tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GSO.4.05L.9904071128190.5623-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Fellow APRS'ers

Apparently there is some pent up frustration at the way we have been trying to assure a workable common protocol for APRS. We all want to see APRS grow in an orderly fashion so we dont end up with a tower of Babbble. Be assured we are working on a change somehow in light of the recent issues.

de WB4APR, Bob

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From bounce-aprsnews-839@lists.tappr.org Wed Apr 7 18:34:29 1999
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.9) with SMTP id SAA10111
for <lyris.aprsnews@tappr.org>; Wed, 7 Apr 1999 18:34:24 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 7 Apr 1999 09:32:54 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tappr.org>
cc: TAPR APRS Special Interest Group <aprssig@lists.tappr.org>,
aprsnews@tappr.org
Subject: [aprsnews] Re: [aprssig] Re: relay,wide,wide or wide,wide?
In-Reply-To: <008e01be8087\$7ca6d080\$8b019ace@crud>
Message-ID: <LYR839-14596-1999.04.07-18.37.27--
lyris.aprsnews#tappr.org@lists.tappr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <Pine.GS0.4.05L.9904070912570.10576-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

On Tue, 6 Apr 1999, Lee H. Dahlen wrote:

> I have found that 90% of Va's digis are NOT relay compatible. This was
> told me by the digi owner. Reasoning was due to reducing qrm on the
> 4000+' digis..

This is a problem then. APRS is based on a common set of user expectations. APRS is designed for outta-the-box comms in emergencies and real time use. Besides MAPS, the most powerful difference of APRS to conventional packet is the fact that EVERY station can act as a generic RELAY. So users must be able to "expect" it, and ALSO, then, not abuse it.

Yes, RELAY can be missused (so can channel 9 on CB, or 911) but that does not mean to take it away.

The solution (if there is QRM) is to educate users not to use RELAY inappropriately, not to use it from fixed stations, and for mobiles not to use it in areas of very wide area coverages (Like SoCal) or where a mobile is in the middle of numerous home stations.

But when I wake up to an emergency or am in a new area, I must be able to address a packet via RELAY,WIDE and have confidence that I took my BEST SHOT at being heard. I may only get one chance.. So, it was fundamental that all APRS digipeaters respond to the alias of RELAY. Now, we must educate users how to use it (or not use it).

Yes, it WAS a problem early on when APRS software defaulted to an outgoing path of RELAY,WIDE. That was in the early days before we had hardly any digipeaters. That way, new players could be seen even without digipeaters. The growth of APRS is a testimate to the fact that Generic digipeating works.. But now ALL versions of APRS have now removed that default, so it should no longer be a problem from the users end.

I would ask that any digi operators that do not support RELAY, should re-think their decision.

de WB4APR, Bob

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.9) with SMTP id HAA18874
for <lyris.aprsnews@tapr.org>; Thu, 8 Apr 1999 07:36:45 -0500 (CDT)
Message-ID: <LYR839-14680-1999.04.08-07.39.46--
lyris.aprsnews#tapr.org@lists.tapr.org>
From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] Web Cams and SSTV and APRS
Date: Thu, 8 Apr 1999 07:33:09 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <1B66FFC6BE1CD211A0620008C7A42AC2731F50@mrdnexch01.ct.adc.com>
Sender: bounce-aprsnews-839@lists.tapr.org

Precedence: bulk

From: Keith Sproul [mailto:ksproul@vger.rutgers.edu]
Sent: Wednesday, April 07, 1999 8:58 PM
To: TAPR HT APRS Special Interest Group
Cc: ru-hams@tdmx.rutgers.edu
Subject: [htaprs] Web Cams and SSTV and APRS

The Rutgers Univesity Ham Radio Club (WA2NPP) will be having Web Cameras, APRS, and SSTV at the Rutgers Engineering Open House this coming Saturday, April 10th. During this time, there will be live Web Cameras, including one on top of a 100' portable tower. Another one will be on top of my communications van, watching the students go by.

We will also be using the Kenwood VC-H1 and Kenwood D7 radio to transmit SSTV pictures which will be loaded onto or web site.

If you are interested in watching what is going on, please take a look at:

<http://dorm.rutgers.edu/openhouse.html>

We will be on the air as WA2NPP on APRS.. Send us a message, will be on VHF and the Internet.

The web cameras should be up and running Friday evening.. We will be posting snap shots of some of the images on the web site too.

You will be able to watch some of the web cams live (THEY can only handle 5 connections at a time for live pictures).

We hope to get a sequence of pictures of the 100' tower going up with the camera on it.

If you do watch this, drop us a note during the day on Saturday

ksproul@noc.rutgers.edu

Keith Sproul	732 445-3695 Office
mailto:ksproul@vger.rutgers.edu	732 821-4828 Home
http://aprs.rutgers.edu/	WU2Z
http://wu2z.rutgers.edu/aprs.html	Live APRS system

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From bounce-aprsnews-839@lists.tapr.org Thu Apr 8 12:45:49 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.9) with SMTP id MAA28037
for <lyris.aprsnews@tapr.org>; Thu, 8 Apr 1999 12:45:44 -0500 (CDT)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Message-Id: <LYR839-14738-1999.04.08-12.48.56--
lyris.aprsnews@tapr.org>
Date: Thu, 8 Apr 1999 12:30:22 -0500
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Subject: [aprsnews] TAPR Board of Directors Election Reminder
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <v04020a01b33296437460@[24.93.57.252]>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

This is a reminder to all TAPR members* that the TAPR Board of Directors Election is happening until April 15th.

The current PSR supplied the necessary information for voting electronically or via the mail.

If you don't know the web address or have lost your voter verification number, then please send e-mail to tapr@tapr.org or call the TAPR office (940) 383-0000 and Dorothy can supply you with the necessary information for voting on-line.

The following people this year are running for the TAPR board of directors.

Steve Bible, N7HPR
Steve Dimse, K4HG
Bob Hansen, N2GDE
Steve Stroh, N8GNJ

Your vote as a member is important -- be sure to vote!

Cheers - Greg Jones, WD5IVD
President, TAPR

* membership current as of or before January 1, 1999 to be able to vote.

Tucson Amateur Packet Radio
8987-309 E Tanque Verde Rd #337 * Tucson, Az * 85749-9399

e-mail: tapr@tapr.org web: <http://www.tapr.org/>
ftp: [ftp.tapr.org](ftp://ftp.tapr.org)
phone: 940-383-0000 fax: 940-565-2544

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To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org

From bounce-aprsnews-839@lists.tapr.org Fri Apr 9 08:55:50 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.9) with SMTP id IAA19027
for <lyris.aprsnews@tapr.org>; Fri, 9 Apr 1999 08:55:47 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Fri, 9 Apr 1999 09:32:29 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] APRS on SUBs
Message-ID: <LYR839-14873-1999.04.09-08.59.03--
lyris.aprsnews@tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.9904090931590.12636-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

This months QST carries a notice about the April 24-25 nationwide
Subs-on-the-air commemorative event. There are over 20 museum Submarines
with working Ham radio rooms. If you are looking for something to
do with APRS and to show the public some of the fun of Ham radio, consider
putting an old 386 PC on the boat as an attention getter.

APRSdos screens look very closely like what 1970-80's Navy radar and tactical displays looked like. In fact, use a monochrome monitor and to the casual observer, it will look quite authentic (especially if it is Amber or Green! Leave it on the boat running all the time, even when the Hams are not running the station. It will look nice..

de WB4APR

You are currently subscribed to aprssig as: BRUNINGA@GREATLAKES.NADN.NAVY.MIL
To unsubscribe send a blank email to leave-aprssi-1650I@lists.tappr.org

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To unsubscribe send a blank email to leave-aprsnews-839E@lists.tappr.org

From bounce-aprsnews-839@lists.tappr.org Wed Apr 14 07:07:47 1999
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.9) with SMTP id HAA21815
for <lyris.aprsnews@tappr.org>; Wed, 14 Apr 1999 07:07:47 -0500 (CDT)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Message-Id: <LYR839-15911-1999.04.14-07.11.11--
lyris.aprsnews@tappr.org@lists.tappr.org>
Date: Tue, 13 Apr 1999 23:51:54 -0500
To: "APRS Announcements" <aprsnews@lists.tappr.org>
From: "Greg Jones, WD5IVD" <wd5ivd@tappr.org>
Subject: [aprsnews] *** General Announcement Concerning APRS Issues ***
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <v04020a01b339cded26c6@[24.93.57.57]>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

To: APRS Community
4/13/99

As everyone is well aware, a discussion (sometimes heated) concerning issues related to the future of APRS has been occurring on APRSSIG

during the past two weeks. In order to be more productive and take some heat off the SIG, the APRS software authors have agreed to the following:

- o The authors have agreed not to publicly discuss the issues or make announcements regarding the issues on an individual basis until the Dayton Hamvention, May 14-16.
- o The authors have agreed to meet face-to-face during the weekend of May 1-2 to discuss and resolve the issues. The following are attending the meeting: software authors, Bob Bruninga, WB4APR, Steve Dimse, K4HG, Keith Sproul, WU2Z. (Authors Mark Sproul, KB2ICI, will be out of town, Brent Hildebrand, KH2Z, and Mike Musick, N0QBF, will be participating in the electronic discussion before and after the May meeting.) Also, attending will be Greg Jones, WD5IVD, and John Ackerman, N8UR, representing TAPR and moderating the meeting.
- o The outcome of the meeting will be announced before the Dayton Hamvention.

In a related matter, it was announced early this week that Bob Bruninga, Keith Sproul, and Mark Sproul are starting on the initial draft of a to be published version of the APRS protocol. Further information on this subject will be announced after the May meeting.

Greg Jones, WD5IVD, TAPR President
Stan Horzempa, WA1LOU, APRS SIGs administrator
APRS Authors: Bob Bruninga, WB4APR,
Keith Sproul, WU2Z, and
Steve Dimse, K4HG

Greg Jones, WD5IVD Austin, Texas
wd5ivd@tapr.org <http://www.tapr.org/~wd5ivd>

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From bounce-aprsnews-839@lists.tapr.org Mon Apr 19 13:06:22 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.9) with SMTP id NAA21554
for <lyris.aprsnews@tapr.org>; Mon, 19 Apr 1999 13:06:22 -0500 (CDT)
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"
Message-Id: <LYR839-16824-1999.04.19-13.09.57--
lyris.aprsnews#tapr.org@lists.tapr.org>
Date: Mon, 19 Apr 1999 12:58:12 -0500
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Subject: [aprsnews] TAPR activities at Dayton HamVention
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <v04020a09b3411e665df1@[128.83.74.103]>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

TAPR Dayton Activities 1999
for details visit: <http://www.tapr.org/tapr/html/Fdayton.html>

TAPR Digital Forum on Friday

The schedule for the TAPR digital forum is:

- 10:00 - 10:05am (5 min)
Introduction to Forum, John Ackermann, N8UR
- 10:05 - 10:30am (25min)
TAPR Update, Greg Jones, WD5IVD
- 10:30 - 11:00am (30 min)
Linux AX.25 Update, John Ackermann, N8UR
- 11:00 - 11:30am (30 min)
PIC Development Update, Steve Bible, N7HPR and John Hansen, W2FS
- 11:30 - 12:00noon (30 min)
GPS Projects, Steve Bible, N7HPR
- 12:00noon - 12:30pm (30 min)
Compact Flash Card Project, John Koster, W9DDD
- 12:30 - 1:00pm (30 min)
TAPR APRS News, Steve Dimse, K4HG and Stan Horzepa, WA1LOU
- 1:00pm - 1:45pm (45 min)
FHSS Radio Project Update, Tom McDermott, N5EG

Attending the 1999 Dayton Hamvention? Then don't miss out on PACK*BASH!

What?

An event for the digitally-inclined ham, featuring:

- * Buffet dinner
- * "A Little Technology Goes a Long Way" -- Keynote address
by Dave Pederson, N7BHC
- * TAPR special interest group meetings
- * "Birds of a Feather" gatherings

When?

Friday evening, May 14, 1999

Doors open at 7:00 pm; dinner served at 7:30 pm

Speaker and meetings after dinner

Where?

NCR "Sugarcamp" Conference Center, 101 W. Schantz Ave. --

South of downtown Dayton, just west of Main St. (Rt 48).

Maps available on the TAPR web site (www.tapr.org) or at the
TAPR booth.

How?

Dinner requires advance registration and payment through TAPR.

Tickets will be available at the TAPR booth on Friday, though
we strongly encourage registration <before> Hamvention. The cost
is \$20.00 per person, tax and tip included.

All amateurs are welcome to attend, enjoy the speaker, and
participate in the meetings, although only those purchasing a
dinner can eat.

To register, contact:

PACK*BASH

c/o TAPR

8987-309 E. Tanque Verde Road #337

Tucson, AZ 85749-9399

Phone: (940) 383-0000

Fax: (940) 566-2544

Internet: tapr@tapr.org

Visa/Mastercard Accepted

Who?

PACK*BASH is co-sponsored by TAPR -- Tucson Amateur Packet Radio, the national leader in digital communication -- and the Miami Valley FM Association, Dayton's packet radio club.

For more information (including maps), go to <http://www.tapr.org/tapr/html/dayton.html>, or send email to tapr@tapr.org.

You can request information via packet radio at
BASH@W8APR.#DAY.OH.USA.NOAM.

— — — — —

Greg Jones, WD5IVD Austin, Texas
wd5ivd@tapr.org <http://www.tapr.org/~wd5ivd>

— — —

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From bounce-aprsnews-839@lists.tapr.org Wed Apr 21 12:24:03 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.9) with SMTP id MAA17351
for <lyris.aprsnews@tapr.org>; Wed, 21 Apr 1999 12:24:02 -0500 (CDT)
Date: Wed, 21 Apr 1999 13:14:17 -0400
From: Mike Musick <71301.3106@compuserve.com>
Subject: [aprsnews] pocketAPRS v0.28 Beta
Sender: bounce-aprsnews-839@lists.tapr.org
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Message-ID: <LYR839-17183-1999.04.21-12.27.52--
lyris.aprsnews@tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <199904211317_MC2-72DD-3925@compuserve.com>
Precedence: bulk

Pending confirmation of changes made a couple of minutes ago, a new (and

hopefully the last) beta of pocketAPRS should be uploaded this afternoon or evening.

The list of changes and additions is pretty long (20 items) and affects several areas, so be sure to check the README.TXT for details. IT IS IMPORTANT that you delete all previous versions and maps (that is, databases) from your Palm before loading the new version (and reloading your maps). Failing to do so will crash (hard) your Palm on launch.

The two biggest changes are memory management, and the addition of the RDF (radio direction finding) feature set. The memory management changes are hopefully going to help with stability. The prior release was right on the edge of not working at all, so my "comfort level" with the program under stress is a little better now.

The RDF features are mostly complete. A couple of minor things remain to be done, but the core set is working well enough to have won a difficult foxhunt last Sunday - by an hour over the next competitor - without resorting to "manual" techniques.

SPECIFIC THINGS TO LOOK FOR

It would be helpful if the Palm IIIx owners could verify if I have the map grays right this time. I've been programming grayscale "by the rules" - even though grayscale is not formally supported - and should now be handling the 4-bit grayscale correctly. The startup screen still won't look right, but let me know how the maps look.

I need to know how folks feel about the popup button palette on the map screen. At the moment I'm conflicted about this in anticipation of being able to tap on an object for editing/inquiry, wondering if a text-only popup menu might be neater and/or more intuitive.

REGISTRATION

True registration now functions, but it's still OK to just put your callsign in and have it count as "registered". Registration cards are in the process of being mailed, so the couple of you who insisted on pre-registering (thank you!) should have your numbers in the next few days.

Now that I can handle it, those who want to do so are welcome to register before the final release. The shareware fee is \$40, and send to: Mike Musick, P.O. Box 8469, Olivette, MO 63132.

FINAL RELEASE

I have been targeting the Dayton Hamvention for the release of v1.0. The determining feature is completion of object editing. That is looking more difficult every day, and with Dayton four weeks away I'm starting to wonder if we'll make it.

But thinking optimistically, if it makes the "done" list in the next two weeks, I expect to have a small stock of CD's with the program and the map library available at the show for \$55 each (plus tax), which includes program registration. Failing that, we'll carry on with releases via the FTP and try to do the CD thing next year.

A big THANKS! to all of you for your support and perseverance during the alpha and beta cycles!

...mike/N0QBF
71301.3106@compuserve.com

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From bounce-aprsnews-839@lists.tapr.org Wed Apr 28 11:57:20 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.9) with SMTP id LAA14478
for <lyris.aprsnews@tapr.org>; Wed, 28 Apr 1999 11:57:20 -0500 (CDT)
Date: Wed, 28 Apr 1999 12:16:46 -0400
From: Mike Musick <71301.3106@compuserve.com>
Subject: [aprsnews] New pocketAPRS Beta
Sender: bounce-aprsnews-839@lists.tapr.org
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Message-ID: <LYR839-18124-1999.04.28-12.01.28--
lyris.aprsnews@tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <199904281221_MC2-73BF-B45C@compuserve.com>
Precedence: bulk

I lied. I said that v0.28 was going to be the last beta release. It's not.

With a big "Thanks!" to members of the St. Charles County (MO) Emergency Communications Association, pocketAPRS v0.28 was used in a serious public service event setting over the weekend, and a few "gotchas" were uncovered. Number one on the hit parade was discovery that support for the "GPSxyz" tracker beacon wasn't finished (I thought it was...). Second was that the numbered unit feature wasn't working.

There were also other numerous bug/omission issues, including a mysterious "not transmitting" bug that appeared with v0.25. Changes over v0.28 are:

- Trackers & MIC-E's displayed false DF vectors.
- Saved map view parameters were lost if program was started and stopped without viewing map.
- Digipeater paths wouldn't accept 6-character calls with SSID's.
- Small self-plot icon would get "lost" on Interstate lines.
- GPSxyz tracker protocol now fully supported.
- Numbered object types better supported.
- Fixed seemingly random "not transmitting" problem.
- Startup screen self-dismisses after 10 seconds (if registered).
- Several internal process tweaks.

There was so much that was fixed in a short time it "seemed right" to go ahead and release what I had.

Also, thanks to a very logical suggestion, the file name on the FTP site now incorporates the version number. The updated beta program can be found at:

<ftp://ftp.tapr.org//aprssig/palmstuff/palmaprs/paprs029.zip>

Links from the pocketAPRS website have been updated to reflect the new naming.

If you have already loaded v0.28, IT WILL NOT BE NECESSARY to delete everything before loading v0.29. However, users running v0.25 will still have to "clean house" first.

At this point it is less than likely that the 1.0 release will be ready for distribution at Dayton - the object edit/view feature is quite complex, and the loss of the weekend chasing bugs was costly. If this situation changes I will certainly let everyone know.

...mike/N0QBF
71301.3106@compuserve.com

pocketAPRS - APRS for the Palm Connected Organizer

Application: ftp://ftp.tapr.org//aprssig/palmstuff/palmaprs/paprs029.zip
Map Files: ftp://ftp.tapr.org//aprssig/palmstuff/palmmaps/
Website: http://www.anet-stl.com/~mcmusick

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From bounce-aprsnews-839@lists.tapr.org Wed Apr 28 18:46:11 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.9) with SMTP id SAA25620
for <lyris.aprsnews@tapr.org>; Wed, 28 Apr 1999 18:46:10 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 28 Apr 1999 17:17:27 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] Dayton Map
Message-ID: <LYR839-18173-1999.04.28-18.50.14--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.9904281713270.10009-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

I just digitized the map of Dayton with parking lot detail and inside the building. Its in OH-HARA.MAP.

Download DAYTN99.zip from tapr.org in the directory
aprssig/dosstuff/APRSdos

For APRSdos users, it also includes two more files:

OHbooths.map	put that in your maps directory
MAPLIST.USA	Put that in your MAPLISTS directory
	and also copy it to MAPLIST.APR so it replaces the default
MAPLIST.MID	copy that into your MAPLISTS directory also..

de WB4APR, Bob

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From bounce-aprsnews-839@lists.tapr.org Thu Apr 29 09:53:43 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.9) with SMTP id JAA03988
for <lyris.aprsnews@tapr.org>; Thu, 29 Apr 1999 09:53:41 -0500 (CDT)
Date: Thu, 29 Apr 1999 10:44:48 -0400
From: Mike Musick <71301.3106@compuserve.com>
Subject: [aprsnews] pocketAPRS 0.29 Glitch
Sender: bounce-aprsnews-839@lists.tapr.org
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Message-ID: <LYR839-18279-1999.04.29-09.57.50--
lyris.aprsnews@tapr.org>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <199904291048_MC2-73DA-AF8C@compuserve.com>
Precedence: bulk

The pocketAPRS v0.29 that was uploaded yesterday has a fairly big glitch - it changes the APRS destination to "CQ" with no path. My thanks to John (KB0SNY) and Ken (K4EVH) for bringing this one to my attention.

This was a very simple fix, and a "fresh" version of v0.29 has been uploaded to the FTP site. If you enthusiastically grabbed the new version after yesterday's announcement, you'll need to get it again (...sorry...).

Also, this bug was apparently in v0.28, too, so it's further incentive to download this new version.

...mike/N0QBF
71301.3106@compuserve.com

pocketAPRS - APRS for the Palm Connected Organizer

Application: <ftp://ftp.tapr.org//aprssig/palmstuff/palmaprs/paprs029.zip>
Map Files: <ftp://ftp.tapr.org//aprssig/palmstuff/palmmaps/>
Website: <http://www.anet-stl.com/~mcmusick>

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From bounce-aprsnews-839@lists.tapr.org Thu Apr 29 15:55:03 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.9) with SMTP id PAA15204
for <lyris.aprsnews@tapr.org>; Thu, 29 Apr 1999 15:54:58 -0500 (CDT)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Message-Id: <LYR839-18341-1999.04.29-15.59.05--
lyris.aprsnews@tapr.org>
Date: Thu, 29 Apr 1999 16:00:10 -0500
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: Greg Jones <wd5ivd@tapr.org>
Subject: [aprsnews] ARRL & TAPR 1999 DCC Announcement
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <[v04020a01b34e77d9938f@\[168.191.22.89\]](mailto:v04020a01b34e77d9938f@[168.191.22.89])>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

1999 ARRL and TAPR Digital Communications Conference
September 24-26, 1999
Phoenix, Arizona

Full announcement and details can be found
at: <http://www.tapr.org/dcc>

The 1999 ARRL and TAPR Digital Communications Conference will
be held September 24-26, 1999 in Phoenix, Arizona. This year's
conference location is just minutes away from the Phoenix Sky Harbor
International Airport (PHX).

Symposia, Seminars, Banquet

In addition to the presentation of papers on Saturday, three symposia/seminars will be held. These sessions are provided to allow those with additional time and interest to make the most of the Digital Communications Conference. For those who may have interest in just one symposium or seminar, registration for the conference is not required to attend these activities. This allows maximum flexibility for those who may want to participate during the Digital Communications Conference, but do not have an entire weekend to devote to the event.

The Third APRS National Symposium will be held on Friday and will be moderated by Steve Dimse, K4HG (the developer of javAPRS). It will likely include many APRS software authors, such as Bob Bruninga, WB4APR (the father of APRS), Keith Sproul, WU2Z, Mark Sproul, KB2ICI (the developers of MacAPRS and WinAPRS), Brent Hildebrand, KH2Z (the developer of APRSPLUS), Mike Musick, N0QBF (developer of PocketAPRS), and other nationally-known APRS leaders. Join this group for the afternoon and evening for in-depth discussions and presentations on the current and future status of APRS. This is a unique opportunity to gain insight into this fast-growing digital aspect of amateur operations that combines computers, packet radio, and GPS (Global Positioning System).

Starting late Friday afternoon, a half-day technical seminar will be held. In the past this seminar has covered topics such as RF, DSP, Advanced Networking Topologies and other stimulating topics.

On Saturday night the DCC Banquet will be held. This year the conference is proud to have Geoff Baehr, N6LXA, Sun Microsystems Chief Network Officer at the banquet to speak. Sun Microsystems has been doing some very exciting things in networking over the years and the talk should be an interesting one. After the banquet there will be time for special interest group gatherings.

The Sunday morning seminar will be focused on PIC development, design, and programming. This five-and-a-half hour seminar will focus on the things you need to know now in order to understand and begin to participate in PIC development. PIC processors are becoming very important in various project designs and implementations. This seminar will be presented by the TAPR PIC Development team.

Fourth Annual ARRL and TAPR DCC Student Papers Award

ARRL and TAPR especially welcome papers from full-time students to

compete for the fourth annual student papers award. Two \$500 travel awards may be given, one in each of the following categories: a) best technical/theory-oriented paper by a student, and b) best educational or community-oriented application paper by a student. The paper should relate directly to a wireless digital communication topic (see the guidelines for more information). Papers co-authored by educators or telecommunications professionals are also eligible for this award as long as a student is the first author. The deadline for receipt of finished student paper manuscript is July 10, 1999. Please note that this deadline is different from the general conference paper submission date. For full details and paper guidelines contact TAPR or browse to <http://www.tapr.org/dcc>.

Call for Conference Proceeding Papers

Anyone interested in digital communications is invited to submit a paper for publication in the Conference Proceedings. Presentation at the conference is not required for publication. The primary purpose of the conference is to communicate ideas and techniques regarding digital communications. Papers written in an informal style are welcome, as well as those written to academic standards. If you know of someone who is doing great things with digital communications, be sure to tell them about this! Papers are due by August 9, 1999, and should be submitted to Maty Weinberg, ARRL, 225 Main Street, Newington, CT 06111, or via e-mail to lweinberg@arrl.org. The paper submission guidelines are available on-line (<http://www.tapr.org/dcc>).

International Co-Host

PRUG (Packet Radio User Group of Japan) will be the International co-host for a second year running. PRUG will be hosting an informal social Friday evening before their seminar and symposium is held. Visit <http://www.prug.or.jp> for more information about the organization.

Full information on the conference and hotel information can be obtained by contacting Tucson Amateur Packet Radio, 8987-309 E. Tanque Verde Road #337, Tucson, AZ 85749-9399, phone 940-383-0000, fax 940-566-2544, e-mail tapr@tapr.org, browse www.tapr.org/dcc.

Sincerely,

Greg Jones, WD5IVD, TAPR Conference Chair
Steve Stroh, N8GNJ, Conference Manager
Dan Meredith, N7MRP, Local Host Liaison
Keith Justice, KF7TP, Local Host Liaison

Note: If you need conference handouts or flyers for ham club meetings,
contact TAPR to get what you need!

Hotel Information

Conference presentations, meetings, and seminars will be held at the
Holiday Inn Select Airport. Special DCC rooms rates are \$69/single
and \$79/double per night. When making reservations with the hotel,
be sure to indicate you are attending the ARRL and TAPR DCC in
order to get the discount. It is highly recommended that you book
your room prior to arriving. A block of 75 rooms is reserved until
August 22, 1999. After the 75 rooms are booked, rooms will only be
available in nearby hotels, so be sure to book your rooms early! The
hotel provides transportation to and from the Phoenix Sky Harbor
International Airport. Please contact the hotel to arrange specific
transportation needs.

Holiday Inn Select Airport (conference hotel)
4300 E Washington
Phoenix, AZ 850234
Phone 602-273-7778, fax 602-286-1109

Tucson Amateur Packet Radio
8987-309 E Tanque Verde Rd #337 * Tucson, Az * 85749-9399

e-mail: tapr@tapr.org web: <http://www.tapr.org/>
ftp: [ftp.tapr.org](ftp://ftp.tapr.org)
phone: 940-383-0000 fax: 940-565-2544

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From bounce-aprsnews-839@lists.tapr.org Tue May 4 10:17:10 1999
 Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
 by tapr.org (8.9.3/8.9.3/1.9) with SMTP id KAA28567
 for <lyris.aprsnews@tapr.org>; Tue, 4 May 1999 10:17:06 -0500 (CDT)
 X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
 Date: Tue, 4 May 1999 10:36:47 -0400 (EDT)
 From: Bob Bruninga <bruninga@nadn.navy.mil>
 X-Sender: bruninga@arctic
 To: "APRS Announcements" <aprsnews@lists.tapr.org>
 cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>,
 aprsnews@tapr.org
 Subject: [aprsnews] Mic-Lite
 In-Reply-To: <LYR3559-18014-1999.04.27-15.09.56--
 BRUNINGA#NADN.NAVY.MIL@lists.tapr.org>
 Message-ID: <LYR839-19095-1999.05.04-10.21.32--
 lyris.aprsnews#tapr.org@lists.tapr.org>
 MIME-Version: 1.0
 Content-Type: TEXT/PLAIN; charset=US-ASCII
 List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
 List-Software: Lyris Server version 3.0
 List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
 List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
 X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
 Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
 X-Message-Id: <Pine.GS0.4.05L.9905041024110.13573-1000000@arctic>
 Sender: bounce-aprsnews-839@lists.tapr.org
 Precedence: bulk

Here is how to have a completely self contained Mic-Encoder for use with
 any HT or radio. Its just a MICrophone case, with everything self
 contained including a 9v battery. SImply plug it into any radio, plug the
 GPS into it, and you are on the air..

And, rather than trying to find just the right size Mic case, I just got
 the small black minibox from Radio Shack and put it all inside with its
 own Electret Mic Element! THus, it is easy to build and copy by anyone.
 Total parts count at Radio Shack is \$6.75 plus the MIM and Battery.

*** PTT	PTT SW	RS# 275-1547	\$0.75
+-----+ -----+ +			
00000			
00000 +---+	Electret Mic	RS# 270-090C	\$2.00
(mic) +-----+			
+-----+	Proj Box	RS# 270-1801	\$2.00
M	MIM Module	\$79	
9 Volt I			
M	Optional DIP switch to select message		

```

||  BATTERY  ||  |  |  ||  and/or PATH and/or RATE not shown
||           ||  |  C  ||
||           ||  |  H  ||
||           ||  |  I  ||
||           ||  |  P  ||
|+-----+  +-----+  ||  Box is 3" by 2" by 1"
|           +-----+  || | |
|           +---+      ||
|           |  |        ||
+-----+  |  |  +-----+
          ***  GPS Jack  Phone Jack      RS# 274-249    $1.00

                               Mic Plug to HT RS# 274-289    $1.00

```

Also not shown is the 3 foot 2 conductor flexible mic wire to the Mic plug to plug into the mic jack of any ICOM/YEASU/ALINCO HT. For kenwood, you need a 3 conductor cable and two plugs and a speaker.

I saved one switch, by hooking the battery to the GPS Jack so that the module is only ON when the GPS is plugged in.

I will be selling the MIM Modules in my booth at Dayton.

APRS Engineering LLC
Bob

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From bounce-aprsnews-839@lists.tapr.org Wed May 5 11:34:33 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.9) with SMTP id LAA23790
for <lyris.aprsnews@tapr.org>; Wed, 5 May 1999 11:34:30 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 5 May 1999 12:13:44 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: amsat-bb@amsat.org
Subject: [aprsnews] Dayton GPS maps!
Message-ID: <LYR839-19244-1999.05.05-11.38.51--
lyris.aprsnews@tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.9905051157470.16855-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Hamventioners,

I just got a copy of the final Dayton AREA map published in the Hamvention Brochure. The good news is that they put the lat/long grid on it as I asked. The bad news is that they left off the Longitude labels. They should be left-to-right, 8420, 8415 and 8410. And the right side I-675 should have a vertical line labeled 8400. Please scribble this down for when you get your brochure.

The advantage of this map is that it will make it easy for visitors to estimate their LAT/LONG so they can compare positions when trying to find friends, other visitors or eyeballs. Also, it allows entering your APRS Position approximately into your Kenwood HT without the bother of hooking up a GPS, or while indoors at your favorite food place.

The map is not 100% geographically correct, but it should allow you to estimate your position to about 1/2 mile or so. Close enough to get within simplex range...

The Large Parking lot and Arena map is accurate down to a few feet or so (we hope) and a DGPS transmitter will be on the air from the parking lot allowing you to use GPS to navigate in the flea market.

As always, APRS will be alive and well tracking hundreds of us on 144.39. We will also have a modest "indoor tracking system" demo operating on 145.79 inside the arena.

de WB4APR, Bob

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From bounce-aprsnews-839@lists.tapr.org Wed May 5 14:05:22 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])

by tapr.org (8.9.3/8.9.3/1.9) with SMTP id OAA28545
for <lyris.aprsnews@tapr.org>; Wed, 5 May 1999 14:05:19 -0500 (CDT)
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Message-Id: <LYR839-19274-1999.05.05-14.09.34--
lyris.aprsnews#tapr.org@lists.tapr.org>
Date: Wed, 5 May 1999 14:02:28 -0500
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: Greg Jones <wd5ivd@tapr.org>
Subject: [aprsnews] Technology Demo Day (Update Announcement)
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <v04020a03b35645eaa164@[128.83.74.103]>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk
Content-Transfer-Encoding: 8bit
X-MIME-Autoconverted: from quoted-printable to 8bit by tapr.org id OAA28545

TAPR is proud to announce the first annual Technology Demo Day
sponsored by the TAPR APRS SIG.

The purpose of this event is to demonstrate technology independence at the
location of Field Day. Technologies like Packet Radio, SSTV, ATV, Spread
Spectrum, IGates and other operating modes accessed via RF means only will
be allowed, since this reflects current emergency situations at disaster
scenes in our present day world.

The 1999 Technology Demo Day is to coincide with the ARRL Field Day.

Full details are available at <http://www.tapr.org/tdfd>

1999 Technology Demo Day

- * Commercial Power Restriction

No commercial power is allowed for stations submitting a score.

- * Band of operation:

Any frequencies that are currently allowed for the mode in use. HF,
VHF, etc

- * Use of networks and digipeaters:
Digipeaters, Networks, can be used for contacts
All APRS paths allowed.
Sites must use RF (No direct Inet)
 - * Participants:
Any licensed amateur radio operator may participate.
Participants that are at a direct connection to the net can participate but are not permitted to submit scores.
 - * Operator Designations:
Single Operator designated by "SO".
Multi Operator by "MO"
No Operator by "NO"
 - * Minimum exchange consists of:
Call Sign, ARRL section, Operator Designation (SO, MO, NO)
 - * Submission of scores:
Do not send your Logs. Send only your score.
Send your score to kb2scs@worldnet.att.net or use
<http://www.tapr.org/tdfd>
Scores must be submitted within two weeks of the end of the event.
 - * Points:
 - o 25 points for receiving the ARRL message in digital form
 - o 2 points for every LIVE packet QSO (packet network, conference nodes, digis, etc)
 - o 1 point for every APRS station "received"
 - o 2 points for every APRS station exchanging messages
 - o 25 points for receiving ATV signals from a range over 5 miles
 - o 25 points for transmitting ATV to another station over 5 miles
 - o 5 points for every received SSTV picture received
 - o 5 points for every transmitted SSTV contact
 - o 25 points for receiving any Satellite digital MESSAGE
 - o 25 points for transmitting any Satellite digital Message.
 - o 25 points for making a complete exchange using Spread Spectrum
 - o 5 points for each Spread Spectrum contact thereafter
-

Suggested Operating instructions

- * HOOK UP YOUR SPEAKER.

If you aren't listening to the packets, then you may not know what is going on the channel. TNC's do not detect collisions. DCD's do not either, so just because the little green light is OFF, does not mean the channel is not all QRM

- * Operate normally.

USE SHORT packets and MINIMUM PATH.

Use WIDEN-N where possible.

Keep hops practical for your area. (any more than 3 probably impossible)..

Work everyone you see on mail/traffic pages.

- * ACKS are not required!

If you get a QSL message from the other station, don't wait for an ACK. Erase the outgoing message to reduce QRM!

- * Internet Gateways

The key here is that IGates only pass through MESSAGEs to LOCAL stations in their area. This means you can QSO with anyone if you already know their callsign! You will probably NOT see their posits since only messages go via IGates (normally). This is why you should always include your GRIDSQ in all of your text messages.

Here are some ways we have come up with to get around these quirks for:

- * a) Assume an SSID of -6 for stations and guess at some APRS calls...

- * Watch your traffic list. As soon as anyone QSO's anyone in your area, you will see them for a return QSO.

- * Send a CQ FD MESSAGE with your GRIDSQ and report to a DIGI in a known area with an IGate. This will go through all IGates.

- * Do a MAPS-OVERLAY-DIGIS for an area to see a good target call. (See C)

- * Do NOT send CQFD or TARGET messages until you have exhausted all other contacts, else we may totally BLOCK the RF channels around IGates.

- * Once you are working via IGATES, PLEASE minimize your path to ONLY the hops needed to hit your local IGate.

- * Home Stations If you are not going to operate, please set up your UN-ATTENDED home station for AUTOREPLY with something like 'QSL. [gridsq].(NO), ARRL section, etc. For APRSdos this simply means send ONE message to the callsign of REPLY and make sure this message is the first in your SEND list.

APRSÆ is registered to Bob Bruninga, WB4APR.

Tucson Amateur Packet Radio
8987-309 E Tanque Verde Rd #337 * Tucson, Az * 85749-9399

e-mail: tapr@tapr.org web: <http://www.tapr.org/>
ftp: [ftp.tapr.org](ftp://ftp.tapr.org)
phone: 940-383-0000 fax: 940-565-2544

Greg Jones, WD5IVD Austin, Texas
wd5ivd@tapr.org <http://www.tapr.org/~wd5ivd>

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From bounce-aprsnews-839@lists.tapr.org Mon May 10 22:00:19 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.9) with SMTP id WAA01614
for <lyris.aprsnews@tapr.org>; Mon, 10 May 1999 22:00:14 -0500 (CDT)
Date: Mon, 10 May 1999 22:51:14 -0400
From: Mike Musick <71301.3106@compuserve.com>
Subject: [aprsnews] pocketAPRS for Dayton
Sender: bounce-aprsnews-839@lists.tapr.org
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Message-ID: <LYR839-20217-1999.05.10-22.04.58--
lyris.aprsnews@tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org/>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <199905102254_MC2-751F-ACBA@compuserve.com>
Precedence: bulk

pocketAPRS v0.31 has been uploaded to the TAPR server:

<ftp://ftp.tapr.org/aprssi/palmstuff/palmaprs/paprs031.zip>

IF you are going to Dayton and IF you are planning to use pocketAPRS, you NEED

this new release. Previous versions of pocketAPRS would enable the TNC for DIGI operation with the usual RELAY alias. This is a really bad idea given the Dayton potential of dozens of other stations within hearing range who might have RELAY in their path.

While we're at it, a few things have been fixed:

- Unintended transmit hold-off if digipeater alarm disabled.
- Message list displays retry count (up to 9).
- A serious logic bug in message retry system.

Note the last item on the list. I took yet another look at the message retry logic and came to the conclusion, "What in the heck was I thinking?!?" Message retry should finally work, and work right this time.

If you already have v0.28 or v0.29 (either version), you can load the new version on top of the old one. If you have v0.25 (which should have died by now, anyway), it will be necessary to delete the application and the map databases first.

Bon appetite!

...mike/N0QBF
71301.3106@compuserve.com

pocketAPRS - APRS for the Palm Connected Organizer

Application: <ftp://ftp.tapr.org//aprssig/palmstuff/palmaprs/paprs031.zip>
Map Files: <ftp://ftp.tapr.org//aprssig/palmstuff/palmmaps/>
Website: <http://www.anet-stl.com/~mcmusick>

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.9) with SMTP id JAA02560
for <lyris.aprsnews@tapr.org>; Tue, 11 May 1999 09:16:46 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Tue, 11 May 1999 10:05:28 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>

Subject: [aprsnews] RELAY at Dayton
Message-ID: <LYR839-20293-1999.05.11-09.21.27--
lyris.aprsnews@tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.9905110956240.23624-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Dayton Reminder:

The generic path of RELAY,WIDE for mobiles and the fact that everyone is a "RELAY" works well..... except at Dayton, where you may have 100 RELAYS in one parking lot. So, when you get within 5 Miles of the HARA Arena, its nice if you can perform the following:

Change your UNPROTO path to ... VIA WIDE
Change your MYAlias to NONE
Change your rate appropriate to your immediate situation.

If you are moving, then 1 or 2 minutes may be OK, but if you are parked, then something like 16 Minutes or more would be appropriate.

Finally, it would be nice to have an APRS display at the Main Hamvention INFO Kiosk to simply show the public where everyone is. (Is there such a kiosk?). Does anyone have time to set this up?

de WB4APR, Bob

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From bounce-aprsnews-839@lists.tapr.org Tue May 11 11:39:39 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.9) with SMTP id LAA07006
for <lyris.aprsnews@tapr.org>; Tue, 11 May 1999 11:39:34 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Tue, 11 May 1999 11:27:09 -0400 (EDT)

From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] Re: Mobile power connectors
Message-ID: <LYR839-20331-1999.05.11-11.44.14--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.9905111121070.23624-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Dayton Crusaders,

As I sit here soldering like crazy all the power connections for this years trip to Dayton I am SO THANKFUL for the "APRS STANDARD" power connector. If you didn't pick some up last year, don't forget to get some this year! (Anderson Power Poles) de WB4APR, Bob

----- Forwarded message -----
Date: Thu, 25 Feb 1999 10:32:34 -0800
From: Ken Mirabella <kjm@flo-bin.com>

If you would like a detailed picture of the Anderson power pole visit our OCRACES web site; <http://www.ocraces.org> and select the power pole page (it is listed last)

73 to all,

ken, KM6YH
OCRACES

Tom Schaefer wrote:

>Andersen power poles. www.andersen.com are by far the best connector for
>establishing a common system. Most of the people I know use them as do many
>people on the SIG.
>
>They are typically sold through dealers (guys at Dayton always have them).
>Check out some electronic stores in your area to see if they carry the
>line.
>

>-----Original Message-----

>From: Zhahai Stewart <zhahai@hisys.com>

>To: TAPR APRS Special Interest Group <aprssig@lists.tapr.org>

>Date: Thursday, February 25, 1999 8:19 AM

>Subject: [aprssig] Mobile power connectors

>

>

>I was looking for an alternative to cigarette lighters for powering a
>mobile setup. Nominal 12V and several amps. Some suggestions for APRS
>standards involve using Molex connectors. This sounded good, until I
>checked the specs:

>

><http://www.molex.com>

>

>I found that they are only spec'd for 25 mate/unmate cycles (tin; gold is
>spec'd for 50).

>

>Anybody have experience with this? Do they really degrade that fast?

>What do you use for your power harness for mobile APRS (or other)?

>Problems?

>

>Any other alternatives if so? Most of the other Molex and AMP power
>connectors have similar durability specs. Some of the circular screw
>fastening ones (like AMP CPC) are spec'd at 200 - 1000 cycles, which
>is great; but they are somewhat expensive (shells 4x, pins 2x).

>

>Zhahai KA0YVM

>

>@ Zhahai Stewart zhahai@hisys.com

>@ A Meme Gardener <http://rainbow.rmi.net/~hisys/zhahai.html>

>@ Standard Disclaimer YMMV - Your Maya May Vary

>

>---

>You are currently subscribed to aprssig as: TOMS@INCONNECT.COM

>To unsubscribe send a blank email to leave-aprssig-1650I@lists.tapr.org

>

>

>

>---

>You are currently subscribed to aprssig as: ANA21483@MAIL02.ANASERVE.COM

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>

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From bounce-aprsnews-839@lists.tapr.org Wed May 12 07:01:08 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.9) with SMTP id HAA23073
for <lyris.aprsnews@tapr.org>; Wed, 12 May 1999 07:01:04 -0500 (CDT)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Message-Id: <LYR839-20486-1999.05.12-07.02.53--
lyris.aprsnews#tapr.org@lists.tapr.org>
Date: Tue, 11 May 1999 21:54:45 -0500
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: Greg Jones <wd5ivd@tapr.org>
Subject: [aprsnews] TAPR Dayton Activities 1999
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <v04020a04b35e9c7baf93@[128.83.74.103]>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

TAPR Dayton Activities 1999
for details visit: <http://www.tapr.org/tapr/html/Fdayton.html>

We will be at our normal booth spaces (542 & 543)
Come on by and say hi!

Friday Morning - TAPR Digital Forum
Friday Evening - TAPR PACK*BASH

TAPR Digital Forum on Friday

The schedule for the TAPR digital forum is:

10:00 - 10:05am (5 min)

Introduction to Forum, John Ackermann, N8UR

10:05 - 10:30am (25min)

TAPR Update, Greg Jones, WD5IVD

10:30 - 11:00am (30 min)

Linux AX.25 Update, John Ackermann, N8UR

11:00 - 11:30am (30 min)

PIC Development Update, Steve Bible, N7HPR and John Hansen, W2FS

11:30 - 12:00noon (30 min)

GPS Projects, Steve Bible, N7HPR

12:00noon - 12:30pm (30 min)

Compact Flash Card Project, John Koster, W9DDD

12:30 - 1:00pm (30 min)

TAPR APRS News, Steve Dimse, K4HG and Stan Horzempa, WA1LOU

1:00pm - 1:45pm (45 min)

FHSS Radio Project Update, Tom McDermott, N5EG

Attending the 1999 Dayton Hamvention? Then don't miss out on PACK*BASH!

What?

An event for the digitally-inclined ham, featuring:

- * Buffet dinner
- * "A Little Technology Goes a Long Way" -- Keynote address
by Dave Pederson, N7BHC
- * TAPR special interest group meetings
- * "Birds of a Feather" gatherings

When?

Friday evening, May 14, 1999

Doors open at 7:00 pm; dinner served at 7:30 pm

Speaker and meetings after dinner

Where?

NCR "Sugarcamp" Conference Center, 101 W. Schantz Ave. --

South of downtown Dayton, just west of Main St. (Rt 48).

Maps available on the TAPR web site (www.tapr.org) or at the TAPR booth.

How?

Dinner requires advance registration and payment through TAPR.

Tickets will be available at the TAPR booth on Friday. The cost

is \$20.00 per person, tax and tip included.

All amateurs are welcome to attend, enjoy the speaker, and participate in the meetings, although only those purchasing a dinner can eat.

Who?

PACK*BASH is co-sponsored by TAPR -- Tucson Amateur Packet Radio, the national leader in digital communication -- and the Miami Valley FM Association, Dayton's packet radio club.

For more information (including maps), go to
<http://www.tapr.org/tapr/html/dayton.html>,
 or send email to tapr@tapr.org.

Greg Jones, WD5IVD Austin, Texas
wd5ivd@tapr.org http://www.tapr.org/~wd5ivd

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From bounce-aprsnews-839@lists.tapr.org Wed May 12 07:01:28 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.9) with SMTP id HAA23087
for <lyris.aprsnews@tapr.org>; Wed, 12 May 1999 07:01:27 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Tue, 11 May 1999 22:25:38 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] Dayton ROOM
Message-ID: <LYR839-20489-1999.05.12-07.05.15--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>

X-Message-Id: <Pine.GSO.4.05L.9905112223080.21264-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

I may have a spare Room in Brookville, about 9 mi NW of HARA at the Day's INN. Lemme know if someone needs it.

de WB4APR, Bob

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From bounce-aprsnews-839@lists.tappr.org Wed May 12 07:01:57 1999
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.9) with SMTP id HAA23097
for <lyris.aprsnews@tappr.org>; Wed, 12 May 1999 07:01:54 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Tue, 11 May 1999 22:22:39 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tappr.org>
cc: TAPR APRS Special Interest Group <aprssig@tappr.org>, aprsnews@tappr.org
Subject: [aprsnews] APRS Booth at Dayton
In-Reply-To: <00a501be9bc8\$99c5e3c0\$4e7e2acc@w9j6l0>
Message-ID: <LYR839-20492-1999.05.12-07.05.36--
lyris.aprsnews#tappr.org@lists.tappr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <Pine.GSO.4.05L.9905112221310.21264-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

On Tue, 11 May 1999, Jim Scott wrote:

> i may have missed it, but where will the aprs booth be this year?

In the PEET Bros booths 153 to 155 in the North Hall.

de WB4APR, Bob

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.9) with SMTP id HAA23107
for <lyris.aprsnews@tapr.org>; Wed, 12 May 1999 07:02:04 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Tue, 11 May 1999 22:10:22 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] New Mic-Lite Mic-E
Message-ID: <LYR839-20495-1999.05.12-07.06.08--
lyris.aprsnews@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.9905112209370.21264-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

THis is a re-post, since now I have updated the MIM web page to show how the MIM is constructed into a completely self contained Mic-Encoder for use with any HT or radio. Its just a MICrophone case, with everything self contained including a 9v battery. SIMply plug it into any radio, plug the GPS into it, and you are on the air.. Total parts count at Radio Shack is \$6.75 plus the MIM and Battery. Here is a sketch of the 2x3 inch plastic enclosure.

*** PTT	PTT SW	RS# 275-1547	\$0.75
+----- -----+			
00000			
00000 +---+	Electret Mic	RS# 270-090C	\$2.00
(mic) +-----			

lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GSO.4.05L.9905112200280.21264-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

While soldering away building Mic-Encoders for Dayton, I am reminded of how valuable old dead Mice are for APRS projects. Great features:

- 1) VERY flexible small 6 conductor wire (great for TNC/Radio connection)
- 2) Moulded DB-9 serial port connector on one end (great for TNC-PC)
- 3) Strain-relieved fitting on the other
- 4) Small Microswitches inside.

I cut cord in half and got a good serial cable for my TNC, and used the other end for my Mic-Lite. So don't let dead mice get buried without at least salvaging the cable... You cannot buy a smaller more flexible cable anywhere, and I have searched!

de WB4APR, Bob

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From bounce-aprsnews-839@lists.tapr.org Sun May 16 20:37:47 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id UAA02108
for <lyris.aprsnews@tapr.org>; Sun, 16 May 1999 20:37:45 -0500 (CDT)
Message-ID: <LYR839-21031-1999.05.16-20.42.42--
lyris.aprsnews#tapr.org@lists.tapr.org>
Date: Sun, 16 May 1999 21:03:46 -0500
From: Stan Horzepa <stanzepa@mail2.nai.net>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Accept-Language: en
MIME-Version: 1.0
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] [Fwd: [aprsplus] APRS+SA v1.99 Beta "I"]

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyrus Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <373F78F9.50E5DF09@ct2.nai.net>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

----- Original Message -----

Subject: [aprsplus] APRS+SA v1.99 Beta "I"
Date: Sun, 16 May 1999 14:11:01 -0700
From: "Brent Hildebrand" <bhildebrand@earthlink.net>
To: "APRS+" <aprsplus@k8sn.org>, "aprssig" <aprssig@tapr.org>

APRS+SA v1.99 Beta "I" Notes

It is recommended that you delete all prior patch files for v1.99. They will have the extension or *.P199. Those in the North Texas Balloon project, may want to keep patch file SpeakLL.P199 for now.

- 1) Timing loop changed, attempt to resolve internal clock issues with some computer configurations.
- 2) Port 2 ("GPS Port") Pass Through. This allows the pass through of raw data from Port 2 to be transmitted. This data can be NMEA, Garmin Simple Text Format, or other packet data which has at least one ASCII new line <NL> character separating packets. Port 2 modes now also included "Other" to allow generic data to be passed through. It may be possible to use the Pass Through for certain Peet weather stations. The Pass Through is enabled on the Main page of Setup. Check "Port 2 Pass Through" and set the number of seconds between transmission.
- 3) The Popup menu has changed on the Traffic page to allow deleting all messages TO/FROM a given station such as APRSERVE or other particular callsign.
- 4) Wave file for Callsigns has been fixed.
- 5) Garmin Simple Text Format (STF) has been modified and is an accepted input now for GPS data. STF is supported on Garmin GPS-III v2.08 and higher, and on GPS-III+ v2.02. STF also works on the Pass Through. STF contains, Date and Time to the second, Lat/Long/Altitude, 3D velocity and EPE. To my knowledge, STF is only supported by APRS+SA.
- 6) Port 2 opens automatically if previously configured at shutdown.
This is
a fix.
- 7) Experimental: Ability to Email multi-line data from the program on request. If you run an IGate, Email me directly, and I will tell you

how to
enable this feature.

Brent KH2Z

APRS+SA v1.99 Beta "I"
<http://www.tapr.org/aprssig/winstuff/aprsplus/GPS199I.zip>

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From bounce-aprsnews-839@lists.tapr.org Tue May 18 22:09:27 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id WAA25750
for <lyris.aprsnews@tapr.org>; Tue, 18 May 1999 22:09:24 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Tue, 18 May 1999 21:10:02 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] Dayton Entertainment
Message-ID: <LYR839-21406-1999.05.18-22.14.23--
lyris.aprsnews@tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.9905182109070.354-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

During my 8 hour drive this year from Maryland to Ohio, I found 2 meter
chats with several other vehicles enroute, but no other APRS mobiles for
the first 4 hours. So I used the following form of APRS entertainment:

Whenever any voice mobile reported his position, I quickly added him as
an APRS object on my map. It was easy to guess his COURSE (everyone was
headed to Dayton) and speed (65). So for these first several hours, I was
able to see the movement of these other non-APRS vehicles on my APRS map
as we all headed onward and did hill-topping as we went in and out of

range of various repeaters.

These other fellows were amazed that I seemed to always know where they were, even after hours of driving. The main method I used for entering them in the first place was the APRSdos MILE-MARK command. This will locate any mile marker on any interstate (within a mile or so). Then just put the OBJECT on the map and give him a course and speed in the right direction and in APRSdos he will continue to move once a minute on your map. WinAPRS will also dead-reckon stations (if enabled).

Every now and then I would re-enter their positions either based on new information, or just by moving their ICON to their currently predicted position.

Even for moving APRS trackers, the Dead-Reckoning feature is very useful. Without it, Mobiles appear to Leap Frog every mile or so down the Highway. making it impossible to do a vehicle-to-vehicle eyeball, unless both your posit and theirs occurred within a few seconds of each other. But with DR on, then no matter how old the posit is, it continues to move on the map so that exact simultaniety in reporting time is not required.

Guess who my first other APRS mobile was? THE SPROUL Bros! We live about 3 hours apart in Maryland and NJ, and leave at un-coordinated times, but every year for the last 4 years of APRS, we have always run into each other (within 2 or 3 miles since there are no digis) somewhere near the Western PA and WV border. Amazing coincidences... not really, tho, because the 2 or 3 mile RF range window is amplified by 10 to 20 minutes (miles) if one of us stops for a break. In fact, thats how it always happens, one of us is stopped and the other wizzes by... and BOTH maps capture the event... (we were on 1 minute rates).

Oh yes, it looks like 90 percent of you APRS mobiles are missing out on this fun. Of the 200 or so stations I saw in Dayton, 60% were mobiles and 90% of those were all dumb trackers, leaving only a dozen or so others actually enjoying the event while driving to and from... Ill post the actual numbers later when I find them in the mess here...

de WB4APR, Bob

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From bounce-aprsnews-839@lists.tappr.org Wed May 19 18:47:43 1999
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.10) with SMTP id SAA15230
for <lyris.aprsnews@tappr.org>; Wed, 19 May 1999 18:47:43 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 19 May 1999 17:43:11 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tappr.org>
cc: TAPR APRS Special Interest Group <aprssig@tappr.org>, aprsnews@tappr.org
Subject: [aprsnews] Re: aprs840
In-Reply-To: <s742a0b5.050@ferc.fed.us>
Message-ID: <LYR839-21596-1999.05.19-18.52.45--
lyris.aprsnews#tappr.org@lists.tappr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <Pine.GS0.4.05L.9905191739390.11044-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

On Wed, 19 May 1999, Joseph Dees wrote:

```
> Just downloaded aprs840.zip from tappr. Ran pkunzip on the file with -d
> switch... Installed properly... When run, got following error:
>
> FILE NOT FOUND
BAKS\BACKUP.BKNotFnd
```

Hummh. I wonder if it really didnt find BACKUP.BK in the BAKS directory and got confused. Try copying ANY file in the BAKS directory to BACKUP.BK and see if that solves it. I must have shipped that version without a BACKUP.BK file already saved. Now APRS always reloads BACKUP.BK, so I bet that is the problem...

de WB4APR, Bob

bob

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From bounce-aprsnews-839@lists.tapr.org Wed May 19 18:47:53 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id SAA15244
for <lyris.aprsnews@tapr.org>; Wed, 19 May 1999 18:47:52 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 19 May 1999 18:26:05 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] Dayton Map Volunteer needed.
Message-ID: <LYR839-21597-1999.05.19-18.52.56--
lyris.aprsnews@tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.9905191820560.16438-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

The map I made of Dayton was based on coordinates provided by Stan horzepa and appear to have worked quite well. But with Selective availabliity, who knows?

We need a volunteer to look at the track history file of everythign transmitted at Dayton to average the position of a few known stations to nail down their posits to the nearest few feet. This way we can adjust the map to be perfect next year!.

First we need the calls of anyone that was parked in the SAME space all weekend and transmitting APRS. Then, just average all of his posits (throw out bad ones) and bingo...

Any volunteers?

bob, WB4APR

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From bounce-aprsnews-839@lists.tapr.org Thu May 20 07:39:04 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id HAA18444
for <lyris.aprsnews@tapr.org>; Thu, 20 May 1999 07:39:03 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Thu, 20 May 1999 00:14:17 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] APRS KIDS Day!
Message-ID: <LYR839-21680-1999.05.20-07.44.07--
lyris.aprsnews@tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GSO.4.05L.99052000002250.28599-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Notice this months QST page 32 (June) promotes the concept of KIDS DAY on June 19th to get kids on the air 1800 to 2400 UTC. Although this is an HF contest, it seems like a good evening to try the APRS KIDS concept to.

Just set your MESSAGE GROUPS to include "KIDS" and then have your kids send a message to "KIDS". See if you raise anyone that way.

If you are an IGate operator, consider enabling "KIDS" as a wildcard MESSAGE-to-RF call.

Even if your local IGate does not set to KIDS, you can fool it into adding KIDS to its RF list by temporarily changing your TNC MYCall to KIDS and sending out a UI frame that includes your FCC call. You may have to do this once an hour to keep it active in the list.

By doing this, you should then see any messages originated anywhere in the country to KIDS. Hey, while you are at it, set your MESSAGE GROUPS to also include SCOUTS and do the same MYCall trick, and lets see if we can

get some SCOUTS invloved too...

P.S. This is a good warm up for CQFD!

de WB4APR Bob

For info on the HF contest (not APRS), go to
<http://www.jzap.com/k7rat/>

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From bounce-aprsnews-839@lists.tapr.org Thu May 20 07:40:16 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id HAA18463
for <lyris.aprsnews@tapr.org>; Thu, 20 May 1999 07:40:12 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 19 May 1999 23:59:36 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] Dayton Statistics:
Message-ID: <LYR839-21683-1999.05.20-07.45.15--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.9905192348320.28599-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Here is what we added up on Friday nite enroute to the TAPR bash. Notice
the very high percentage of trackers. Or stated another way, with only 10
of us PC mobile, it was surprising how little MESSAGING there was...

- 83 fixed stations (home PC's and Digis, WX, etc)
- 35 Trackers
- 10 PC mobiles
- 9 THD7's (A

5 Mic'E's
3 MIM's

145 total.

By saturday nite, the total was up to over 208 stations. Probably most were new THD7's!

de WB4APR, Bob

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From bounce-aprsnews-839@lists.tapr.org Thu May 20 07:41:00 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id HAA18483
for <lyris.aprsnews@tapr.org>; Thu, 20 May 1999 07:40:58 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 19 May 1999 23:48:30 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] APRS Tshirts
Message-ID: <LYR839-21686-1999.05.20-07.45.56--
lyris.aprsnews@tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.9905192345410.28599-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

I was selling APRS Tshirts at Dayton, and have a few left over in the XL, L and M sizes. Most are gray but a few are white. Cost is \$11 plus \$2.95 for shipping. Has APRS blue globe across chest with large red APRS letters across it.

US mail address: 115 old Farm Ct, Glen Burnie, MD 21060

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From bounce-aprsnews-839@lists.tapr.org Thu May 20 07:42:22 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id HAA18515
for <lyris.aprsnews@tapr.org>; Thu, 20 May 1999 07:42:21 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 19 May 1999 22:28:52 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] APRSnet Nationwide LIVE server
Message-ID: <LYR839-21689-1999.05.20-07.47.22--
lyris.aprsnews@tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.9905192217590.26427-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

For some programmer:

When I first posted the APRSnet (See APRSnet.txt) concept back in Nov 97,
the APRServe throughput was still below 1200 baud, meaning that a
dedicated 2 meter channel (not 144.39) could serve-to-RF the entire
country full of APRS traffic to local users and mobiles. But now it
will no longer fit on another 1200 baud APRS channel..... or will it?

Driving home from Dayton, looking for other LIVE APRS activity, I
realized, that MOST of the APRSserve traffic is not live and therefore of
little interest to someone looking for a QSO. So tonight I took some
statistics:

- 40% were home station posits
- 18% were digipeaters
- * 13% were dumb trackers
- * 13% were WX
- * 4% were messages

- * 4% were message capable mobiles
- 2% were acks
- 6% were other

Now if the APRSnet server only sent the packets marked with * to RF, then in my mobile, I would see on the APRSnet channel everyone in the country that was MOVING, or MESSAGING, or was WEATHER. This would represent only 1/3rd of normal APRServe traffic. Further logical decisions could further reduce the channel load to make it easily fit in a single 1200 baud channel! Here is a suggested algorithm for serving packets to the dedicated APRSnet channel:

- 1) SERVE all messages (not acks)
- 2) SERVE all Mic-E's and THD7's (these are SHORT posits)
- 3) SERVE all keyboard mobiles
- 4) SERVE* all mobiles raw NMEA (divided by N)
- 5) SERVE* all WX (divided by N)
- 5) SERVE one posit for each station matching a message or an ACK but only once every 10 minutes

Now to manage the throughput and prevent overrun, you can throw away every Nth RAW NMEA posit and WX packet as needed to reduce the rate to the needed 1200 baud. If you are looking at a TRACKER or WX that is 1000 miles away, you dont need a posit every minute nor the WX every 5 minutes. If the channel is under utilized, then you can insert a home station every now and then.

The beauty of this system of filtering/Serving is that the 1200 baud mobile on 144.39 can use his same 1200 baud TNC and 2 meter radio to QSY to the APRSnet channel and play with the whole world!

Note, this APRSnet server must have a HIGH and GOOD antenna, since he should do this without digipeating. If he must digipeat on the APRSnet channel, then the divide-by-N must be significantly increased to further cut the rate by half. BUT this CAN be done... (or leave out the remote WX completely).

de WB4APR, Bob

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From bounce-aprsnews-839@lists.tappr.org Tue May 25 07:40:30 1999
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.10) with SMTP id HAA17587
for <lyris.aprsnews@tappr.org>; Tue, 25 May 1999 07:40:27 -0500 (CDT)
Message-ID: <LYR839-22532-1999.05.25-07.45.32--
lyris.aprsnews@tappr.org@lists.tappr.org>
From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Subject: [aprsnews] WinAPRS 2.2.8
Date: Tue, 25 May 1999 07:38:20 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tappr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <1B66FFC6BE1CD211A0620008C7A42AC2732002@mrdnexch01.ct.adc.com>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

-----Original Message-----

From: Mark Sproul [<mailto:msproul@ap.org>]
Sent: Tuesday, May 25, 1999 8:24 AM
To: TAPR APRS Special Interest Group
Subject: [aprssig] WinAPRS 2.2.8

WinAPRS 2.2.8 has been posted on Rutgers and TAPR

Rutgers site at <ftp://aprs.rutgers.edu/pub/hamradio/APRS/WinAPRS/>
TAPR site at <ftp://ftp.tappr.org/aprssig/winstuff/WinAPRS/>

There are not much new things, mainly little bug fixes and I have done a lot of work on Icons (with the help of some members of the SIG)

The next version will be a little bit. I am working hard on the X-Windows version and the porting to X of course is causing some low level structure change in the way I do things. The good news is that its going to make

WinAPRS much stronger.

Mark

Mark Sproul	
Software Engineer @ Assoc Press	Work: 609-860-7120
msproul@ap.org	Fax: 609-860-7129

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From bounce-aprsnews-839@lists.tappr.org Thu May 27 06:57:05 1999
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.10) with SMTP id GAA05075
for <lyris.aprsnews@tappr.org>; Thu, 27 May 1999 06:57:03 -0500 (CDT)
Message-ID: <LYR839-22890-1999.05.27-07.01.47--
lyris.aprsnews#tappr.org@lists.tappr.org>
From: "Brent Hildebrand" <bhildebrand@earthlink.net>
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Subject: [aprsnews] APRS+SA v1.99 Beta "J" Release Notes
Date: Thu, 27 May 1999 00:45:20 -0700
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
X-Priority: 3
X-MSMail-Priority: Normal
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.3110.3
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <00bf01bea814\$f0019380\$cfe6fea9@dell>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

APRS+SA v1.99 Beta "J" Notes

- 1) Fixed - "GPS Port" Pass Through - previously an error was received when no data was being received at opening the port.
- 2) Now Map Options: The ability to include mapnotes with "tails" in the direction of travel whose length is proportional to the speed. This capability will be found on the APRS tab of the Map Options window (Press Ctrl-Shift-M). You can also enter a threshold speed for the tails to appear. Default is 10 miles per hour. NOTE: when the speed is low, tails may not appear because they do not extend beyond the borders of the callsign box.
- 3) Fix - APRSdos v8.40 no longer supports "old format" messaging. APRS+SA v1.99 "J" no longer transmits messages via the IGate in "old format", only in "new format", though APRS+SA can decode either. All version of APRSdos v8.xx should be able to decode IGated messages from "J". Versions prior to 8 will not be able to use the IGate messaging with "J".
- 4) TCP/IP Watchdog has been re-enabled. If no data has been received from an connected APRServe connection for 60 seconds, the connection is closed and the program will attempt to connect to the next APRServe site in the APRSERVE.TXT file.
- 5) New feature - Maximum number of Posits for untracked stations. Prior to "J", only the most recent posit from a station was retained. "J" will retain up to the number of Posits specified on the Data page of Setup. This works well even with SA (Selective Availability) filter turned off.
- 6) Experimental: Multi-Line Email function and Web Mining for station callsign, name, city, and zipcode coordinate of the city where station is located. I have been testing this under the alias of AIRMAIL. QRZ.com is used for the mining of this data via the Internet. If you are interested in experimenting with these features, email me directly. Note: the server can be run on an RF network with no connection to APRServe. Note 2: Only APRS+SA and The Kenwood D7 will be able to receive ACKS from this server. WinAPRS supports a special EMAIL function which currently is not compatible with the APRS+SA server unless the alias was called EMAIL. Do not call your server EMAIL as this would cause too much confusion. APRSdos does not support EMAIL or AIRMAIL.

Brent Hildebrand, KH2Z

APRS+SA v1.99 "J"

<ftp://ftp.tapr.org/aprssig/winstuff/aprsplus/GPS199J.zip>

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Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.10) with SMTP id KAA10649
for <lyris.aprsnews@tappr.org>; Thu, 27 May 1999 10:21:11 -0500 (CDT)
Message-ID: <LYR839-22941-1999.05.27-10.26.41--
lyris.aprsnews@tappr.org@lists.tappr.org>
From: "Brent Hildebrand" <bhildebrand@earthlink.net>
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Subject: [aprsnews] APRS+SA v1.99 "J" Reuploaded
Date: Thu, 27 May 1999 06:46:15 -0700
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
X-Priority: 3
X-MSMail-Priority: Normal
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.3110.3
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <010e01bea847\$4afa13c0\$cfe6fea9@dell>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

It appears I uploaded a preliminary test compile of "J" to TAPR last night instead of the intended file. Hey, it was 1:30 AM. I have reuploaded "J" again.

Brent Hildebrand, KH2Z

<ftp://www.tappr.org/aprssi/winstuff/aprsplus/GPS199J.zip>

::

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Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.10) with SMTP id KAA11258
for <lyris.aprsnews@tappr.org>; Thu, 27 May 1999 10:43:16 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Thu, 27 May 1999 10:24:28 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tappr.org>
cc: APRS+ <aprsplus@k8sn.org>, aprssig <aprssig@tappr.org>,
APRSNEWS <aprsnews@tappr.org>
Subject: [aprsnews] Re: [aprsplus] APRS+SA v1.99 Beta "J" Release Notes
In-Reply-To: <00bf01bea814\$f0019380\$cfe6fea9@dell>
Message-ID: <LYR839-22952-1999.05.27-10.48.45--
lyris.aprsnews#tappr.org@lists.tappr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <Pine.GSO.4.05L.9905271012390.12072-100000@arctic>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

On 27 May, Brent Hildebrand wrote about APRS+SA v1.99 Beta "J" Notes:

> 2) New Map Options: The ability to include mapnotes with "tails" in the
> direction of travel whose length is proportional to the speed.

I havent seen these yet, but if they are like APRSdos and WinAPRS, then
the proper terminology is "leaders" not "tails", since they lead in the
direction of travel and their length is proportional to speed. This also
matches all military and FAA terminology.

> 6) Experimental: Multi-Line Email function and Web Mining....
> under the alias of AIRMAIL... ...only APRS+SA and The Kenwood D7 will
> be able to receive ACKS from this server. ... APRSdos does not support
> EMAIL or AIRMAIL.

To clarify, all APRS versions can send an EMAIL message or an AIRMAIL
request, but APRSdos will not recognize the ACK coming back because it is
coming back from a call different from EMAIL or AIRMAIL. It will
receive the response message and data just fine, just not the ack.
Thus the user must manually ERASE his request, once he sees the response.
The APRSWG is working on a long term solution.

de WB4APR

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From bounce-aprsnews-839@lists.tapr.org Fri May 28 11:42:36 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id LAA06186
for <lyris.aprsnews@tapr.org>; Fri, 28 May 1999 11:42:32 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Fri, 28 May 1999 12:35:51 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] APRS Satellite
Message-ID: <LYR839-23129-1999.05.28-11.47.58--
lyris.aprsnews@tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.9905281206590.7842-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

We have been doing conceptual studies for a small nanosatellite for relaying APRS status/position packets from stations in remote areas and off shore. Since 144.39 is allocated continent wide (North America) for APRS, the temptation is still high for operating on that frequency. Thus mobiles need not configure separately for terrestrial or the space link when they wander outside of the existing terrestrial network.

The problem has been designing the system to optimize for the mobiles while mitigating the interfering signals from all the fixed assets on the channel. Today, in looking at a map showing the location of all thousands of active users, we realized that it is easier than we thought.

Since 90% of the north american population is already covered by the APRS infrastructure, but only 20% of the land, then we only need satellite

coverage in the remote 80%. This is also the same 80% where only 10% of the population is! Thus, where we need satellite coverage, is the same location where the interference and congestion is least!

Thus, by having a down looking antenna with reduced sensitivity on the horizon, the satellite will hear the remote mobiles easily with enough gain to capture the FM receiver even in the presence of dozens of interfering signals on the horizon much more distant. The downlink on 144.39 is easy, since there are dozens of APRS Internet gateway stations already listening and so even in the presence of a 60% busy channel, at least ONE IGATE somewhere will hear each packet. All it takes is one, and then the rest of the world will see it via the worldwide linked APRS system.

Also, the remote mobile will be hearing NOTHING else on the channel since he is far from any other stations. Thus he has a 100% chance at hearing the downlink too!

Thus, a flying simplex digipeater on 144.39 is still a perfectly viable space satellite application for North America and surrounding off-shore areas. The satellite would be silent over the rest of the world where 144.39 is not available in order to abide by international agreements.

Hummh....
de WB4APR, Bob

You are currently subscribed to aprsnews as: lyris.aprsnews@tapr.org
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org

From bounce-aprsnews-839@lists.tapr.org Fri May 28 15:47:05 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id PAA13534
for <lyris.aprsnews@tapr.org>; Fri, 28 May 1999 15:47:03 -0500 (CDT)
Subject: [aprsnews] Re: APRS Satellite
Date: Fri, 28 May 99 10:02:47 -0700
From: David Dobbins <ddobbins@localaccess.com>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Message-Id: <LYR839-23182-1999.05.28-15.52.23--
lyris.aprsnews@tapr.org>
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>

Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <17081822834482@Localaccess.com>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Yes Bob, and I hope you pinpoint that signal on Pe Ell, Washington, where I can only get into the VHF system about 20% of the time, since my arrangements for a nearby WIDE keep falling thru. Dave.

David S. Dobbins	Amateur Radio K7GPS
Pe Ell, Washington	NWAPRS Coordinator
360-291-3707	www.nwaprs.org

You are currently subscribed to aprsnews as: lyris.aprsnews@tapr.org
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org

From bounce-aprsnews-839@lists.tapr.org Fri May 28 18:15:21 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id SAA17748
for <lyris.aprsnews@tapr.org>; Fri, 28 May 1999 18:15:18 -0500 (CDT)
Message-ID: <LYR839-23224-1999.05.28-18.20.46--
lyris.aprsnews@tapr.org@lists.tapr.org>
From: "Brent Hildebrand" <bhildebrand@earthlink.net>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] APRS+SA v1.99 Beta "K"
Date: Fri, 28 May 1999 14:51:48 -0700
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
X-Priority: 3
X-MSMail-Priority: Normal
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.3110.3
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <009e01bea954\$592fbb80\$cfe6fea9@dell>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

APRS+SA v1.99 Beta "K" Notes

1) Native support for SA6 is now in "K". NOTE - you will need to edit the

Program page of Setup before you begin using this version. You need to select either SA4, SA5 or SA6.
2) Leaders now have MPH in the MapNote and the callsign can be either turned on or off. See APRS tab of MOP file. You may want to edit your MOP files.
3) Occasional Leaders not associated with active station has been fixed.

Brent Hildebrand, KH2Z

<ftp://ftp.tapr.org/aprssidg/winstuff/aprsplus/GPS199K.zip>

You are currently subscribed to aprsnews as: lyris.aprsnews@tapr.org
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org

From bounce-aprsnews-839@lists.tapr.org Mon May 31 21:06:19 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id VAA23872
for <lyris.aprsnews@tapr.org>; Mon, 31 May 1999 21:06:16 -0500 (CDT)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Message-Id: <LYR839-23656-1999.05.31-21.11.50--
lyris.aprsnews@tapr.org>
Date: Mon, 31 May 1999 13:14:11 -0500
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: Greg Jones <wd5ivd@tapr.org>
Subject: [aprsnews] 1999 TAPR Digital Forum @ HamVention
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <v04020a00b37880b1c986@[24.93.57.45]>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

The audio from the TAPR Digital Forum held during the 1999 Dayton Hamvention is now available for listening. If you couldn't make the forum this year, you can catch up on all the talks.

<http://www.tapr.org/tapr/html/Fdayton99.html>

Welcome to the TAPR Digital Forum

John Ackermann, AG9V, Forum Moderator

TAPR Kit/Project/Organizational Update
Greg Jones, WD5IVD (www)

Linux AX.25
John Ackermann, N8UR

PIC-E Developments
Steve Bible, N7HPR (www) and John Hanson, W2FS

GPS Projects
Steve Bible, N7HPR (www)

Compact Flash Adapter
John Koster, W9DDD

APRS Update
Steve Dimse, K4HG and Stan Horzepa, WA1LOU

TAPR 900Mhz FHSS Radio Project
Tom McDermott, N5EG

in addition Dave Pedersen, N7BHC, talk on "A Little Technology Goes a Long Way" during the TAPR PacketBASH on Friday is available.

Cheers - Greg Jones, WD5IVD

Tucson Amateur Packet Radio
8987-309 E Tanque Verde Rd #337 * Tucson, Az * 85749-9399

e-mail: tapr@tapr.org web: <http://www.tapr.org/>
ftp: [ftp.tapr.org](ftp://ftp.tapr.org)
phone: 940-383-0000 fax: 940-565-2544

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From bounce-aprsnews-839@lists.tapr.org Mon May 31 21:07:24 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id VAA23913
for <lyris.aprsnews@tapr.org>; Mon, 31 May 1999 21:07:23 -0500 (CDT)

Message-ID: <LYR839-23659-1999.05.31-21.12.56--
lyris.aprsnews#tapr.org@lists.tapr.org>
From: "Brent Hildebrand" <bhildebrand@earthlink.net>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] Re-post of APRS+SA v1.99 beta "K"
Date: Mon, 31 May 1999 17:19:09 -0700
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
X-Priority: 3
X-MSMail-Priority: Normal
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.3110.3
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <021501beabc4\$5f8d7b80\$cfe6fea9@dell>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

I have re-posted APRS+SA v1.99 Beta "K" as it contained a problem with the
"Range Filter" routine. Note the file name is GPS199KA.zip

Brent Hildebrand, KH2Z

<ftp://ftp.tapr.org/aprssid/winstuff/aprsplus/GPS199KA.zip>

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From bounce-aprsnews-839@lists.tappr.org Wed Jun 2 09:41:17 1999
 Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
 by tappr.org (8.9.3/8.9.3/1.10) with SMTP id JAA25843
 for <lyris.aprsnews@tappr.org>; Wed, 2 Jun 1999 09:41:12 -0500 (CDT)
 X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
 Date: Wed, 2 Jun 1999 10:24:40 -0400 (EDT)
 From: Bob Bruninga <bruninga@nadn.navy.mil>
 X-Sender: bruninga@arctic
 To: "APRS Announcements" <aprsnews@lists.tappr.org>
 cc: TAPR HT APRS Special Interest Group <htaprs@lists.tappr.org>
 Subject: [aprsnews] Re: [htaprs] MIR, APRS, and everything
 In-Reply-To: <LYR3559-23807-1999.06.01-21.06.33--
 BRUNINGA#NADN.NAVY.MIL@lists.tappr.org>
 Message-ID: <LYR839-23856-1999.06.02-09.46.58--
 lyris.aprsnews#tappr.org@lists.tappr.org>
 MIME-Version: 1.0
 Content-Type: TEXT/PLAIN; charset=US-ASCII
 List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
 List-Software: Lyris Server version 3.0
 List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
 List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
 X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
 Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
 X-Message-Id: <Pine.GS0.4.05L.9906020947560.162-100000@arctic>
 Sender: bounce-aprsnews-839@lists.tappr.org
 Precedence: bulk

MIR will only be up for 2 more months. If you haven't tried to get a STATUS/POSIT packet via MIR from your Kenwood THD7, you might want to give it a try:

Here are passes TODAY (wed) over USA. These are approximations for your area at the start of the pass. Pass should last about 10 minutes.

PDT	MDT	CDT	EDT
----	----	----	----
...	...	1240	1340
1212	1315	1418	1520
1345	1448	1550	1652
1521	1624	1727	1830
1658	1800	1903	2005
1834	1937	2040	2142
2008	2110	2213	2316
2143	2247	2350	0052
2325

Be sure to set up your HT properly:

- 1) Set PATH to R0MIR
- 2) Be sure your position is entered.

When you hear MIR, then manually originate some POSITS. Once your radio sees your own packet digiepatated by showing you "MY PACKET", then you can be sure that everyone else saw you also, so stop sending.

de WB4APR, Bob

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From bounce-aprsnews-839@lists.tapr.org Wed Jun 2 18:09:57 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id SAA13845
for <lyris.aprsnews@tapr.org>; Wed, 2 Jun 1999 18:09:56 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 31 May 1999 23:20:26 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: TAPR APRS Special Interest Group <aprssig@tapr.org>, aprsnews@tapr.org,
amsat-bb@amsat.org
Subject: [aprsnews] Re: [aprssig] APRS Satellite
In-Reply-To: <3752F804.1F80@worldnet.att.net>
Message-ID: <LYR839-23926-1999.06.02-18.15.35--lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.9905312314250.28481-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Concerning an APRS Satellite, On Mon, 31 May 1999, John wrote:

> > We have been doing conceptual studies for a small nanosatellite
> > for relaying APRS status/position packets from stations in remote
> > areas and off shore.

>
> Bob, this sounds like a great idea, I presume that it would be a LEO
> with like 4-6 useful passes per 24 hr. Could be used to get help in
> remote places like I was last week in Yellowstone.
> John Mc Hugh, KU4GY

Exactly! But if you are going to be in a remote area NOW, you might consider taking along your Kenwood THD7 and you can send out emergency APRS posit/messages via MIR which comes over 6 times a day on 145.985.

If you have scouts or are doing anything with a school or youth group, then such operations via MIR are authorized at any time when the BBS is not in use... without waiting for an emergency... Check my live-MIR web page to see what is on there now... (tho this weekend, they activated the SSTV again, so packet and SSTV are sharing pass times.)

de WB4APR, Bob

LIVE MIR packet capture: <http://web.usna.navy.mil/~bruninga/mirex.html>

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From bounce-aprsnews-839@lists.tapr.org Wed Jun 2 20:34:04 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id UAA17637
for <lyris.aprsnews@tapr.org>; Wed, 2 Jun 1999 20:34:00 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 2 Jun 1999 17:34:56 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: kk5yy@arrl.net, TAPR APRS Special Interest Group <aprssig@tapr.org>, aprsnews@tapr.org, Keith Sproul <ksproul@rci.rutgers.edu>
Subject: [aprsnews] Re: APRS and images and MIR
In-Reply-To: <4.1.19990602141232.00b9d2b0@pobox1663.lanl.gov>
Message-ID: <LYR839-23941-1999.06.02-20.39.45--lyris.aprsnews@tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyras Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>

X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.9906021730320.21627-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Here's another wilderness APRS/MIR trecker to ALASKA! Also, maybe a few of us with THD7's should join him on FD on MIR (Please limit to 5w so as not to QRM others who may be trying to use MIR)...

de WB4APR

On Wed, 2 Jun 1999, Gerald Schmitt wrote:

> I have recently gotten a TH-D7A and the video unit is in the mail. I
> got the TH-D7A to enhance my hand held satellite demos with some
> digital. The Kenwood inspires me to do a bit more.
>
> I am going to Alaska June 25 and will be working satellites on Field
> Day from Byers Lake State Park with the Motley Group net folks. The
> next week I will be on the road perhaps North of the Circle. After that
> we go into the bush for 10 days via kayak ending up in St. Mary's.
>
> Since you have proposed using satellites for both APRS and image
> forwarding I am seeking ideas and techniques for neat stuff I could do
> on this trip. My hope is that we could get some of the images and APRS
> locations posted on a web page to try and raise the enthusiasm for this
> type of experimentation.

Contact Keith Sproul who also has an APRS site... He will see this message too...

> Any ideas you have will be great fully received. Pls reply w/cc to
> kk5yy@arrl.net
> 73 de Jerry KK5YY

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To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org

From bounce-aprsnews-839@lists.tapr.org Wed Jun 2 20:34:16 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id UAA17651
for <lyris.aprsnews@tapr.org>; Wed, 2 Jun 1999 20:34:09 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 2 Jun 1999 17:28:01 -0400 (EDT)

From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: TAPR APRS Special Interest Group <aprssig@tapr.org>, aprsnews@tapr.org
Subject: [aprsnews] Packet VIA MIR - backpacking Alaska?
In-Reply-To: <199906021506.IAA10571@agape.eecs.wsu.edu>
Message-ID: <LYR839-23942-1999.06.02-20.39.49--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GSO.4.05L.9906021723480.21627-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Fellow APRS'ers in the PNW!

Please consider monitoring MIR 145.985 over the period below and show the world how valuable APRS via MIR can be as a communications tool from the wilderness!

On Wed, 2 Jun 1999, ritz wrote:

> I'm going to be backpacking in Denali in Alaska, there are no repeaters
> where I'm going to be (slightly north of Mt. McKinley). 2 nights, and
> 3 days alone with nothing but tons of wildlife :)
>
> <http://www.gorp.com/denalilodge/map.html>
> I'll be around "wonder lake" (in the center of the map) if there isn't
> too much snow there, or I'll be about 5 miles east of wonder lake. I'll
> basically just walk in a huge circle to see some stuff and have a good
> time.
>
> So I made this tiny packet setup that uses a calculator as a dumbterm.
> http://members.xoom.com/_XOOM/kc7nfz/hamradio.htm#PACKET
> http://members.xoom.com/_XOOM/kc7nfz/hp48.html
>
> So, anyway, typing on this calculator is SLOW. I'll just do the
> "callsign d u qsl?" thing. With the occasional "I'm not dead and happy".
>
> I figure when the MIR passes a bit south of me, I should be able to get
> folks in Canada and maybe in the northern US? What do you guys think?
> Or am I just going to be talking to myself? Are there any stations in

> eastern Russia? Or north?
>
> This will be on June 16th, 17th and 18th +- a day. Only 2 weeks away.
> Dave
> -----
> David M. Ritzenthaler <http://www.eecs.wsu.edu/~ritz>
> UNIX System Administrator ritz@eecs.wsu.edu
> Washington State University (509)335-7301
> School of Elect. Engr & Comp Sci. - Pullman, WA 99164-2752
> PGPfreeware 5.0i Key: <http://www.eecs.wsu.edu/~ritz/pgp.key>
> -----
> Eye halve a spelling chequer It came with my pea sea
> It plainly marques four my revue Miss steaks eye kin knot sea.
> Eye strike a key and type a word And weight four it two say
> Weather eye am wrong oar write It shows me strait a weigh.
> As soon as a mist ache is maid It nose bee fore two long
> And eye can put the error rite Its rare lea ever wrong.
> Eye have run this poem threw it I am shore your pleased two no
> Its letter perfect awl the weigh My chequer tolled me sew.
> -----
>
> ----
> Via the sarex mailing list at AMSAT.ORG courtesy of AMSAT-NA.
> To unsubscribe, send "unsubscribe sarex" to Majordomo@amsat.org
>

APRSDos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: <http://web.usna.navy.mil/~bruninga/dayton.html>
See Maryland APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
See GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

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To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org

From bounce-aprsnews-839@lists.tapr.org Wed Jun 2 20:34:28 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id UAA17663
for <lyris.aprsnews@tapr.org>; Wed, 2 Jun 1999 20:34:24 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 2 Jun 1999 17:40:55 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic

To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: aprsnews@tapr.org
Subject: [aprsnews] APRS and Hurricanes
Message-ID: <LYR839-23945-1999.06.02-20.40.05--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.9906021738310.21627-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

APRSdom,

Are we doing anything to support ARRL Hurricane tests this weekend??
If not, why not?

de WB4APR, Bob

----- Original Message -----

From: ARRL Members Only Web site <memberlist@p1k.arrl.org>
Subject: ARLB036 Hurricane Watch Net to Prepare for 1999 Season

> ARRL Bulletin 36 ARLB036
> >From ARRL Headquarters
>
> ARLB036 Hurricane Watch Net to Prepare for 1999 Season
>
> The National Hurricane Center in Miami, Florida, is inviting
> amateurs to participate in a communication preparedness exercise
> this coming weekend to kick off the 1999 hurricane season.
>
> Amateurs are asked to check into the Hurricane Watch Net on 14.325
> MHz on Saturday, June 5, 1999, 1800-2000 UTC. Stations are requested
> to provide a real-time report of their current weather conditions,
> including wind speed, wind direction, and barometric pressure.
> Measured conditions are preferred, but estimated wind speeds are
> acceptable.
>
> These reports will be forwarded to W4EHW at the National Hurricane
> Center. W4EHW will be on frequency. Stations do not need to continue
> monitoring the net once their reports have been forwarded to the
> National Hurricane Center.

>
> The manager of the Hurricane Watch Net Manager is Jerry Herman,
> N3BDW.
> NNNN
> /EX
>

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To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org

From bounce-aprsnews-839@lists.tapr.org Wed Jun 2 20:34:51 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id UAA17690
for <lyris.aprsnews@tapr.org>; Wed, 2 Jun 1999 20:34:49 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 2 Jun 1999 18:07:47 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: TAPR APRS Special Interest Group <aprssig@tapr.org>, aprsnews@tapr.org,
amsat-bb@amsat.org, sarex@amsat.org
Subject: [aprsnews] Mobile Satellite COMMS!
In-Reply-To: <LYR3559-23848-1999.06.02-09.31.23--
BRUNINGA#NADN.NAVY.MIL@lists.tapr.org>
Message-ID: <LYR839-23946-1999.06.02-20.40.20--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GSO.4.05L.9906021753270.21627-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Amateur Mobile Satellite Comms easy!

It worked! While driving between work locations today, I held my Kenwood
THD7 out the window and kerchunked on MIR, and got a packet digipeated
on only the 4th try! This was with a long rubber duck. and the 6volt
battery pack. Next I changed to the STOCK (poor) rubber duck and the 9.6

volt pack. Still I got into MIR after a few kerchunks!

I saw several other UI users too. But only two of them were sending APRS UI packets which the Kenwood would receive. (see note below)

On Wed, 2 Jun 1999, Bob Bruninga wrote:

> MIR will only be up for 2 more months. If you haven't tried to get a
> STATUS/POSIT packet via MIR from your Kenwood THD7, you might want to
> give it a try:
>
> Here are passes TODAY (wed) over USA. These are approximations for your
> area at the start of the pass. Pass should last about 10 minutes.
> Tune to 145.985.
>
> PDT MDT CDT EDT
> ---- ---- ---- ----
> 1521 1624 1727 1830
> 1658 1800 1903 2005
> 1834 1937 2040 2142
> 2008 2110 2213 2316
> 2143 2247 2350 0052
> 2325
>
> Be sure to set up your HT properly:
>
> 1) Set PATH to ROMIR
> 2) Be sure your position is entered.
>
> When you hear MIR, then manually originate some POSITS. Once your radio
> sees your own packet digipeated by showing you "MY PACKET", then you can
> be sure that everyone else saw you also, so stop sending.

Besides seeing the "MY PACKET" you can also check the PASS files on our live MIR WEB page to see if you got digipeated: (of course our WEB page receiver is in Maryland so it will only see east coast stations...)

<http://web.usna.navy.mil/~bruninga/mirex.html>

The Kenwood HT only decodes APRS formatted packets. If you are not using a kenwood or any other APRS program, then please do the following to make sure that everyone sees your packets.

**** Set your UNPROTO to CQ via ROMIR

The normal APRS UNPROTO is APRS VIA MIR, but CQ also works...

de WB4APR, Bob

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From bounce-aprsnews-839@lists.tapr.org Fri Jun 4 07:41:28 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id HAA15777
for <lyris.aprsnews@tapr.org>; Fri, 4 Jun 1999 07:41:25 -0500 (CDT)
Message-ID: <LYR839-24144-1999.06.04-07.47.08--
lyris.aprsnews@tapr.org>
From: "Brent Hildebrand" <bhildebrand@earthlink.net>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] APRS+SA v1.99 Beta "M" Notes
Date: Thu, 3 Jun 1999 22:18:42 -0700
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
X-Priority: 3
X-MSMail-Priority: Normal
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.3110.3
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <037001beae49\$b99751a0\$76d6fea9@dell>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

APRS+SA v1.99 Beta "M" Notes

- 1) Position page option: RF Stations only. This only shows stations heard via RF, excluding Gated stations and Internet stations.
- 2) Position page option: Single screen. This option only show a single screen of stations, the most recently heard stations. This is done as a tweak for speed. Since the whole list of stations is not redisplayed, it take less time to update the list.
- 3) IGate page - this shows data from IGates, such as the number of messages gated, number of local stations and number of filler packets transmitted. This page is under development, and there is not associated menu functions for this page yet.
- 4) For those experimenting with the AIRMAIL server features, "M" will store the EMAIL_HOST and EMAIL_RETURN variables and reload them automatically once

you have programmed them.

5) Telemetry page Lat/Long display conforms with the rest of the program. A fix.

6) Main window tabs have been reordered.

7) Filler function now have option for Posits only (almost). This option looks at the first character of the data portion of a packet to determine weather to gate a packet as a filler or not. Currently, it is looking for the following characters: \$@!="/*. Certain weather stations use ! and \$ and may be gated if this option is enabled. But the majority of times, it will be Posits only.

Brent Hildebrand, KH2Z

<ftp://ftp.tapr.org/aprssig/winstuff/aprsplus/GPS199M.zip>

Waypoint+ v1.7.14

<http://www.tapr.org/~kh2z/Waypoint>

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From bounce-aprsnews-839@lists.tapr.org Fri Jun 4 10:07:24 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id KAA21447
for <lyris.aprsnews@tapr.org>; Fri, 4 Jun 1999 10:07:23 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Fri, 4 Jun 1999 09:36:19 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: TAPR APRS Special Interest Group <aprssig@tapr.org>, aprsnews@tapr.org,
htaprs@tapr.org
Subject: [aprsnews] Re: [amsat-bb] Walkie-Talkie MIR tests
In-Reply-To: <Pine.GS0.4.05L.9906040003530.24280-100000@arctic>
Message-ID: <LYR839-24175-1999.06.04-10.13.06--lyris.aprsnews@tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>

Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.9906040921490.24957-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

If you have a Kenwood HT or other QRP (5w packet station) and want to test your handheld satellite communicator, here are today's (FRI) MIR passes over the USA. Times are approx beginning of pass.

PDT	MDT	CDT	EDT
----	----	----	----
...	...	1155	1254
...	1228	1328	1428
1300	1403	1505	1608
1436	1538	1641	1644
1613	1715	1818	1921
1749	1852	1954	2057
1924	2027	2130	2233
2100	2203	2306	...
2238			

Passes are about 8 minutes long on 145.985.

Please, unless you are using BBS, send UI packets only via R0MIR, and low power (5w). NEVER try to connect to someone. Once you see your UI packet digipeated, consider it success, and stop sending.

If someone is using BBS, wait till he is finished.

de WB4APR, Bob

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From bounce-aprsnews-839@lists.tapr.org Fri Jun 4 10:08:19 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id KAA21506
for <lyris.aprsnews@tapr.org>; Fri, 4 Jun 1999 10:08:18 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Fri, 4 Jun 1999 09:38:23 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] [aprssig] Walkie-Talkie MIR tests
Message-ID: <LYR839-24178-1999.06.04-10.14.05-->

lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GSO.4.05L.9906040937320.24957-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Here are some (edited) results of the HT messaging tests via MIR:

KB7WWP: Listening for Mir on my TH-D7A in Boise, ID. and received a posit from N6GPS-6. ... he was at the intersection of Furlong and East in Hollister, CA. (over 380 miles away) This is cool stuff!

SD JONES: I then copied VE3XF-2 (grid EN34WK) ... I was outside the house on my way to vote in our provincial election. Had the D7 with long rubber duckie in one hand and was pulling the wagon full of kids with the other. Even the wife was somewhat impressed!

KC0EZH: I got my TH-D7A set up and hit Mir on a pass over Denver tonight. I sent a position packet. Almost immediately I got the "MY PACKET" response, indicating I had digipeated through Mir. Cooooool! Shortly, I picked up KF4ERV-7 (Louisville, KY), who was mobile and KB8RWI (Rawlins, WY). Definitely a lot of fun with 5W and a little mag mount dual-band antenna!

KA2BQE: Me too I used my D7 and hit MIR with a successful digipeat when it was barely 10 degrees above horizon. I copied 3 other APRS UI packets and sent 3 of my own.... one more of them got digipeated, that did it! I am really hooked now!

SUMMARY: These are only 5 watt HT's with rubber ducks (- 3 dB) so they should not be interfering with any other legitimate 25 watt or more station who may need access to the Mir BBS. We are not encouraging other higher power stations to join the fun, because it will only kill the success of the HT's. What we are trying to do is demonstrate that simple APRS digipeaters in space can provide worldwide messaging capability from handhelds.

de WB4APR, Bob

Via the amsat-bb mailing list at AMSAT.ORG courtesy of AMSAT-NA.
To unsubscribe, send "unsubscribe amsat-bb" to Majordomo@amsat.org

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From bounce-aprsnews-839@lists.tapr.org Fri Jun 4 10:11:47 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id KAA21685
for <lyris.aprsnews@tapr.org>; Fri, 4 Jun 1999 10:11:44 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Fri, 4 Jun 1999 09:40:34 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] Re: Walkie-Talkie MIR tests
In-Reply-To: <Pine.GS0.4.05L.9906040003530.24280-1000000@arctic>
Message-ID: <LYR839-24182-1999.06.04-10.17.21--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.9906040939560.24957-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

MIRtest: The one thing we are demonstrating this week with the MIR as a UI digipeater, is the APRSat concept. Besides APRS Map displays, the other keys to the success of terrestrial APRS is the use of "generic" digipeating, and ONE nationwide frequency. Every APRS digipeater has the same ALIAS of "WIDE" and all 500 of them are on ONE continent-wide freq. Thus, Mobile users and travelers do not have to know anything about the network. They just turn on the radio and transmit VIA as many WIDE's as needed to cover the area of interest.

Now, Imagine, if some of the AMSATS (MIR, ISS and Shuttle too) in orbit carried an APRS digipeater all with the same alias of APRSAT, also on one common UPLINK. Then anyone on the planet, anywhere simply sends his message via APRSAT and he can communicate with anyone within 1500

km. The more of these satellites the better. ALL on the same freq and whatever orbits we can get. Thus, for each satellite, we might get 6 more passes each. It is trivial to hit a satellite with a 5W HT. In fact, even 0.5W would work on 2 meters.

I have submitted a Freq request to AMSAT for such an APRS uplink. There are both opportunities and problems here:

1) 2 meters is ideal since it takes much less power and has less doppler than 70cm, but there are no 2m frequencies left (unless we share with some existing satellites). Although the gain to amateur radio (in having our own "iridium" type HT worldwide coverage) is phenomenal, the politics is probably just too hard to get a 2m freq.

2) 70 cm could work as the uplink, since mobiles can afford the additional 8 dB power, but it makes HT operation harder. The Satellites would use wide band receivers (30 KHz) so that they are immune to doppler (another 3 dB link penalty)

3) The DOWNLINK must be on 2 meters tho, because of the 8 dB or more advantage for the omni-Satellite-to-omni-HT link. Thus, a 1 watt spacecraft (about a 5 inch or smaller NANOSAT) could do the job. Over the North American continent, the downlink would be WELCOME on the existing continent wide 144.39 frequency. Everyone could hear it, and its low power would NOT interfere with other, even, emergency communications during its brief passes. But I don't know what to do about Europe or the rest of the world.

4) Operating on a 70cm uplink and a 2m downlink will NOT work with the existing all-in-one Kenwood APRS Data radio, because the built-in TNC can only select one-band at a time. Thus to make use of these few thousand radios as shirt-pocket world-wide satellite communicators, the UPLINK must also be on 2 meters. (The uplink cannot be on 144.39 though, because the hundreds of users there already would be too much QRM for the mobiles and HT's to get through.

CONCLUSION? There is much more to discuss here, but I hope you see the point. Just think in terms of an AMATEUR RADIO version of the worldwide satellite HT communications capability (one-line messages only). If we could get this vision across, then maybe we could find a permanent 2 meter UPLINK and downlink that would be supported by all AMSAT organizations. Also, everyone could build their OWN satellites to contribute without competition for frequencies since we can all share the same one without problems!

INTERNET: OH yes, all packets on the downlink would be distributed worldwide by the existing APRSnet internet system, so that a packet originated ANYWHERE can get to ANYWHERE in real time. This is also

a facet of APRS that makes it so universal. The terrestrial APRS system does this very well in populated areas, but it can never cover the 70% of the planed covered by water and the 70% of all land that has low population density. AND it is THOSE areas where we need mobile, shirt pocket satellite messaging capability!

de WB4APR, Bob

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From bounce-aprsnews-839@lists.tapr.org Fri Jun 4 10:39:05 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id KAA22915
for <lyris.aprsnews@tapr.org>; Fri, 4 Jun 1999 10:39:05 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Fri, 4 Jun 1999 11:14:00 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: TAPR APRS Special Interest Group <aprssig@tapr.org>, aprsnews@tapr.org,
htaprs@tapr.org
Subject: [aprsnews] Re: [htaprs] Re: [amsat-bb] Walkie-Talkie MIR tests
In-Reply-To: <LYR3559-24163-1999.06.04-08.43.18--BRUNINGA#NADN.NAVY.MIL@lists.tapr.org>
Message-ID: <LYR839-24193-1999.06.04-10.44.32--lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GSO.4.05L.9906041108550.24957-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

MIR passes in EDT had an error. Here is correct one: Sorry...

>

> PDT MDT CDT EDT

> -----
> ... 1155 1254
> ... 1228 1328 1428
> 1300 1403 1505 1608
> 1436 1538 1641 1744 <= this one was erroneously posted as 1644
> 1613 1715 1818 1921
> 1749 1852 1954 2057
> 1924 2027 2130 2233
> 2100 2203 2306 ...
> 2238

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From bounce-aprsnews-839@lists.tapr.org Fri Jun 4 12:21:36 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id MAA27370
for <lyris.aprsnews@tapr.org>; Fri, 4 Jun 1999 12:21:34 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Fri, 4 Jun 1999 13:12:33 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: TAPR APRS Special Interest Group <aprssig@tapr.org>, aprsnews@tapr.org,
htaprs@tapr.org
Subject: [aprsnews] Walkie-Talkie MIR tests (fri)
In-Reply-To: <LYR1106-24193-1999.06.04-10.44.32--BRUNINGA#NADN.NAVY.MIL@lists.tapr.org>
Message-ID: <LYR839-24228-1999.06.04-12.27.15--lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.9906041309220.5918-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Oh well.... MIR was NOT on packet on todays 1st pass. bummer

```

> > PDT    MDT    CDT    EDT
> > ----    ----    ----    ----
> > ...     ...     1155   1254   <=== nothing heard!
> > ...     1228   1328   1428
> > 1300    1403   1505   1608
> > 1436    1538   1641   1744
> > 1613    1715   1818   1921
> > 1749    1852   1954   2057
> > 1924    2027   2130   2233
> > 2100    2203   2306   ...
> > 2238
>
>
>
> ---
> You are currently subscribed to aprsnews as: BRUNINGA@NADN.NAVY.MIL
> To unsubscribe send a blank email to leave-aprsnews-839E@lists.tappr.org
>
>

```

APRSdos REPLY/COMMENT:

```

Reply mail addr:   wb4aprr@amsat.org
US mail address:   115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY:  http://web.usna.navy.mil/~bruninga/dayton.html
See Maryland APRS LIVE:  http://web.usna.navy.mil/~bruninga/aprs.html
See GPS on ANY radio:  http://www.tappr.org/tappr/html/mic-e.html

```

```

---
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```

```

From bounce-aprsnews-839@lists.tappr.org  Sat Jun  5 14:42:05 1999
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
    by tappr.org (8.9.3/8.9.3/1.10) with SMTP id OAA23678
    for <lyris.aprsnews@tappr.org>; Sat, 5 Jun 1999 14:42:03 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Sat, 5 Jun 1999 10:14:34 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tappr.org>
cc: TAPR APRS Special Interest Group <aprssig@tappr.org>, aprsnews@tappr.org,
    amsat-bb@amsat.org, sarex@amsat.org
Subject: [aprsnews] Saturday's MIR passes (USA)
In-Reply-To: <LYR3559-24163-1999.06.04-08.43.18--
BRUNINGA#NADN.NAVY.MIL@lists.tappr.org>

```

Message-ID: <LYR839-24451-1999.06.05-14.47.49--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.9906051000580.17056-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

MIR normally switches to SSTV on the weekends and turns off Packets, but anything from space on 145.985 is still fun. These pass times are only approximate for your time zone.

PDT	MDT	CDT	EDT	
----	----	----	----	Besides, anyone can see the SSTV
...	1148	pictures too, by simply taking the
...	...	1220	1323	audio from their receiver into their
1152	1254	1357	1500	sound card and using W95SSTV or other
1327	1429	1532	1634	SSTV software.
1503	1605	1707	1810	
1639	1742	1845	1947	
1815	1918	2021	2124	
1950	2052	2155	...	
2127				

If there are any TYPOS in there, just remember, MIR orbits the earth once every 95 minutes or so and we simply rotate underneath that orbit on our 24 hour cycle...

Notice, that the "time frame" of passes is the same worldwide "local time". Once you hear them, then just add 95 minutes for the next pass no matter where you are...

de WB4APR, Bob

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From bounce-aprsnews-839@lists.tapr.org Sun Jun 6 09:02:16 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])

by tapr.org (8.9.3/8.9.3/1.10) with SMTP id JAA07707
 for <lyris.aprsnews@tapr.org>; Sun, 6 Jun 1999 09:02:14 -0500 (CDT)
 X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
 Date: Sun, 6 Jun 1999 01:20:46 -0400 (EDT)
 From: Bob Bruninga <bruninga@nadn.navy.mil>
 X-Sender: bruninga@arctic
 To: "APRS Announcements" <aprsnews@lists.tapr.org>
 cc: TAPR APRS Special Interest Group <aprssig@tapr.org>, aprsnews@tapr.org,
 amsat-bb@AMSAT.Org, sarex@AMSAT.Org
 Subject: [aprsnews] Sundays MIR passes
 In-Reply-To: <Pine.GSO.4.05L.9906051202540.20837-100000@arctic>
 Message-ID: <LYR839-24596-1999.06.06-09.08.02--
 lyris.aprsnews@tapr.org@lists.tapr.org>
 MIME-Version: 1.0
 Content-Type: TEXT/PLAIN; charset=US-ASCII
 List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
 List-Software: Lyris Server version 3.0
 List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
 List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
 X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
 Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
 X-Message-Id: <Pine.GSO.4.05L.9906060107580.7471-100000@arctic>
 Sender: bounce-aprsnews-839@lists.tapr.org
 Precedence: bulk

Well, at the risk of boring you, here are the MIR passes for Sunday. If you have a THD7 or other QRP packet station (5w), come join us with UI frames or APRS via R0MIR on 145.985. Please, share the time. Your objective is only to get one or 2 packets digipeated and to see how many other stations you capture... If the BBS is in use, drop to 1 Watt.

PDT	MDT	CDT	EDT
----	----	----	----
...	...	1113	1213
1046	1146	1249	1352
1219	1321	1424	1527
1355	1457	1600	1700
1531	1633	1735	1838
1706	1808	1910	2013
1842	1944	2047	2150
2018	2120

Actually, since I have gotten in on EVERY pass that I have tried, while using only the 5 watt HT and the rubber duck, I think I will back off and drop to 1 watt for a while to see how that goes. This is 16 dB below any conventional 50 watt station trying to use the BBS. He will capture the MIR receiver every time. No problem...

de WB4APR

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From bounce-aprsnews-839@lists.tapr.org Sun Jun 6 09:02:31 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id JAA07721
for <lyris.aprsnews@tapr.org>; Sun, 6 Jun 1999 09:02:30 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Sun, 6 Jun 1999 01:31:40 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: TAPR APRS Special Interest Group <aprssig@tapr.org>, aprsnews@tapr.org,
amsat-bb@AMSAT.Org, sarex@AMSAT.Org
Subject: [aprsnews] BBS's versus DIGIPEATERS in space
In-Reply-To: <Pine.GSO.4.05L.9906051202540.20837-1000000@arctic>
Message-ID: <LYR839-24597-1999.06.06-09.08.21--lyris.aprsnews@tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GSO.4.05L.9906060122560.7471-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Compared to the fun we are having with communicating with UI frames via MIR in this country, someone just sent me a copy of a MIR pass in Europe. What a waste of bandwidth! I analyzed all 350 packets and here are the statistics broken down into the successful TEXT packets in 3 categories:

BBS:	330 packets to transfer	27 useful lines of text	= 8% efficiency
CNCT:	17 packets to transfer	1 useful line of text	= 6% efficiency
UI:	2 packets to transfer	2 useful lines of text	= 100% efficiency

The two UI stations communicated perfectly in 2 packets
The two CONNECTED stations communicated 1 line only 1 way with 17 packets
31 of the 33 stations attempting to connect to the BBS accomplished

nothing! And still spent 280 packets doing it!

BBS'S ARE NOT THE WAY TO USE PACKET RADIO ON SATELLITES!

You may argue that the BBS is for the crew. EVEN SO, with the right software (APRS), these same 350 packets could have exchanged 350 lines of text traffic to and from the crew or anyone else if they had only used UI packets!

Here are the details if you are interesetd:

350 TOTAL BBS RELATED PACKETS AS FOLLOWS (2 users got logged on):
280 DISCONNECT-BUSY packets 150 from just 6 stations!
30 Lines of BBS overhead LINES (welcome, command prompts, etc)
20 Acks and RETRIES and CHECKS
17 lines of HEARD LOG
10 message headers listed (at least 2 times each)
0 messages read (ZERO)

17 STATION-TO-STATION REQ/and RETRIES to convey only ONE LINE!
1 message line conveyed

2 APRS TYPE Position/STATUS packets conveying station position and status

CONCLUSION: If we designed Amateur Satellites to be dumb digipeaters for UI frames only, then every successful packet CONTAINS USEFUL INFORMATION. In this case there would have been 350 lines of data, not just 29.

de WB4APR, Bob

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From bounce-aprsnews-839@lists.tapr.org Sun Jun 6 17:48:28 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id RAA20990
for <lyris.aprsnews@tapr.org>; Sun, 6 Jun 1999 17:48:28 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Sun, 6 Jun 1999 17:56:42 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>,

TAPR APRS Special Interest Group <aprssig@tapr.org>, aprsnews@tapr.org,
amsat-bb@AMSAT.Org, sarex@AMSAT.Org
Subject: [aprsnews] Re: [amsat-bb] BBS's versus DIGIPEATERS in space
In-Reply-To: <Pine.GSO.4.02A.9906061507480.11865-1000000@pilot.njin.net>
Message-ID: <LYR839-24668-1999.06.06-17.54.21--
lyris.aprsnews@tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GSO.4.05L.9906061749420.17662-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

> > BBS'S ARE NOT THE WAY TO USE PACKET RADIO ON SATELLITES!

John Maglicane rsponded:

> That's not entirely true. FO-20 and FO-29 work just fine as BBSs when in
> Mode JD, and the remaining digital satellites are even better since they
> use the Pacsat Communications Protocol rather than operate as plain BBSs.

Absolutely. Sorry, thats what I meant. The pacsat protocol is beautiful
for delivering bulk traffic and files to LOTS of people simultaneously.
In fact, we should be doing that on the ground too. One 9600 baud channel
in your home town, could deliver over a 8 Mbytes of WEB pages and HAM
radio news to evveryone's PC every day.

APRS's niche is as an everyone-to-everyone protocol, where the size of the
traffic is only a line or two per station... Sort of what a lot of HAM
radio has always been about...

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From bounce-aprsnews-839@lists.tapr.org Mon Jun 7 07:14:49 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id HAA25798
for <lyris.aprsnews@tapr.org>; Mon, 7 Jun 1999 07:14:44 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Sun, 6 Jun 1999 22:37:55 -0400 (EDT)

From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tappr.org>
cc: TAPR HT APRS Special Interest Group <htaprs@lists.tappr.org>,
TAPR APRS Special Interest Group <aprssig@tappr.org>, aprsnews@tappr.org,
amsat-bb@AMSAT.Org, sarex@AMSAT.Org
Subject: [aprsnews] Monday's MIR passes
In-Reply-To: <LYR1106-24668-1999.06.06-17.54.21--
BRUNINGA#NADN.NAVY.MIL@lists.tappr.org>
Message-ID: <LYR839-24766-1999.06.07-07.20.38--
lyris.aprsnews#tappr.org@lists.tappr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <Pine.GS0.4.05L.9906062208210.23874-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

Lets continue this handheld QRP via MIR test for 2 more days (Mon and Tues) and then let the SIG here have a rest. (I also go in for general surgery on Wed, so cant play anymore). So here are the predicions for the USA for Monday:

PDT	MDT	CDT	EDT
----	----	----	----
...	1104
...	...	1137	1238
1110	1212	1315	1418
1245	1347	1450	1553
1421	1523	1625	1728
1557	1700	1802	1905
1723	1835	1938	2041
1908	2010	2113	2216
2045	2147		

Remember, UI frames only, no connects, and QRP only. Anyone wanna try 1 or 2 watts? By the way, remember, we have several advantages operating satelllites with an HT compared to a base station.

- 1) No line loss, no pre-amp needed (Maybe 3 dB better than Home Stn RCV)
- 2) No line loss on transmit. (Maybe 3 dB better on XMIT)
- 3) U can easily match polarization (Avoids 6 to 12 dB fades at home)
- 4) U can hold Ant Horiz to get coverage overhead (avoids 20 dB null)

5) Disadvantage is 6 foot antenna height. But hey, the Horizon is 10 dB down due to range anyway...

Thus, during an overhead pass greater than 45 degrees, you might pick up 6 to 12 dB over most Base stations in your area. These passes only occur once a day or so tho... But still, just matching your antenna angle for maximum strength is something that even base stations cannot do...

de Wb4APR, Bob

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From bounce-aprsnews-839@lists.tapr.org Mon Jun 7 12:47:17 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id MAA04814
for <lyris.aprsnews@tapr.org>; Mon, 7 Jun 1999 12:47:16 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 7 Jun 1999 13:30:04 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: TAPR HT APRS Special Interest Group <htaprs@lists.tapr.org>,
TAPR APRS Special Interest Group <aprssig@tapr.org>, aprsnews@tapr.org,
amsat-bb@AMSAT.Org, sarex@AMSAT.Org
Subject: [aprsnews] Re: [htaprs] Re: [amsat-bb] BBS's versus DIGIPEATERS in space
In-Reply-To: <000001beb0e3\$b4f60780\$2a2c45cf@cunninghamt.genrad.com>
Message-ID: <LYR839-24819-1999.06.07-12.53.09--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.9906071253430.12408-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

On Sun, 6 Jun 1999, Tim Cunningham wrote:

> The efficiency problem on MIR stems from using the TNC single user

> BBS as mentioned.... it would be easy to convert this system to
> a multi-user package like FBB.... Some of the same congestion issues
> still remain with the amount of people trying to work the orbiting BBS,
> but it will allow multiple users to be logged on the system at one time.

Thanks, Tim. Unfortunately, I suspect this will just result in 10 users with no success and much worse due to all their RETRY and ACKs, instead of one user with no success. The problem is the useless CONNECT-REQUESTS and BUSY-RESPONSE from the other 50 stations on frequency. Human nature being what it is, there is no way to solve this problem, other than putting ground station software at each users QTH to force them to share. Thats what the PACSAT protocol is very good at.. and as you indicated...

Although it may appear that UI frames are EGO-SERVERS, this is not the main reason why they would be so good on MIR or ISS or anyother Amateur Satellite. It is because UI's can deliver the SAME messages to EVERYONE that makes them ideal for MIR. If MIR was transmitting a series of UI frames containing all the important messages regarding MIR on a continuous basis, then FAR more people would receive the messages than the current process of ONE-PERSON-PER-PASS. During a 5 minute pass, and say transmitting only 1 such MIR BULLETIN packet every 3 seconds, MIR could deliver over 100 lines of message traffic to everyone PER PASS and still leave 66% of the time available for UI station-to-station communications. This is exactly what this UI-DIGIPEATER-IN-SPACE (and APRS) is all about.

Its not just for us on the ground. It is an effecient means for delivering LOTS of useful packets to LOTS of folks at the same time.

de WB4APR, Bob

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From bounce-aprsnews-839@lists.tapr.org Tue Jun 8 07:05:10 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id HAA18298
for <lyris.aprsnews@tapr.org>; Tue, 8 Jun 1999 07:05:06 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 7 Jun 1999 22:01:04 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: amsat-bb@AMSAT.Org, sarex@AMSAT.Org, aprsnews@tapr.org
Subject: [aprsnews] MIR passes USA for Tuesday

In-Reply-To: <LYR3559-24906-1999.06.07-20.50.03--
BRUNINGA#NADN.NAVY.MIL@lists.tappr.org>
Message-ID: <LYR839-24973-1999.06.08-07.11.01--
lyris.aprsnews#tappr.org@lists.tappr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <Pine.GS0.4.05L.9906072156200.26406-100000@arctic>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

Last day of informal HT COMM test via MIR. Running 5 watts max to rubber
duck antennas. Here are passes for USA:

PDT	MDT	CDT	EDT
----	----	----	----
...	...	1228	1128
1003	1103	1205	1308
1135	1237	1340	1443
1312	1415	1518	1621
1448	1550	1653	1756
1624	1726	1829	1932
1800	1902	2005	2108
1935	2037	2139	..

Enjoy. de WB4APR, Bob

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Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.10) with SMTP id LAA25017
for <lyris.aprsnews@tappr.org>; Tue, 8 Jun 1999 11:46:26 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Tue, 8 Jun 1999 12:15:17 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tappr.org>

cc: TAPR APRS Special Interest Group <aprssig@lists.tapr.org>,
"aprsnews@tapr.org" <aprsnews@tapr.org>, htaprs@tapr,
amsat-bb@amsat.org, sarex@amsat.org
Subject: [aprsnews] MIR FD/Technology Day
In-Reply-To: <01BEB17E.B9999B80.kc5jgv@bobcats2.oursc.k12.ar.us>
Message-ID: <LYR839-25025-1999.06.08-11.52.24--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=X-UNKNOWN
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GSO.4.05L.9906081107150.18757-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk
Content-Transfer-Encoding: 8bit
X-MIME-Autoconverted: from QUOTED-PRINTABLE to 8bit by tapr.org id LAA25017

On Tue, 8 Jun 1999, J. Scott Ratchford asked about the end of the
informal 5w QRP HT UI packet DIGI test via MIR:

> Why does this have to be the last day? Let keep it going!

Actually, (I am speaking with NO authority), MIR is always an interesting
channel to monitor and a good source of demonstrations of what HAM radio
is all about. I think this has been a good demo. I think anyone who has
the opportunity to show off Ham Radio to the public, youth, or old LIDs
would always be welcome to digi a couple of UI frames via MIR at any time.

But as with any shared spectrum, we have to be careful with such an
invitation so as not to encourage some individuals who may try to turn
such an opportunity into their own personal contest and kill the golden
goose. With UI frames, just listening and watching is fun too..

One such public opportunity is Field-Day (or TAPR Technology day!)
But as always, in order for it to work, we can't overload the uplink.
So, if you take your HT to FD (we hope you will), then please be
considerate of everyone else. If you get your Packet digipeated once,
then back off and let others play. The beauty of the HT is that everyone
has an equal chance, no one can hog it.

What follows is the TAPR Technology Day announcement. Notice that you get
25 points for receiving ONE packet from a satllite, and 25 points for
successfully Transmitting ONE packet. Also, you get one point for EVERY
APRS station heard. No need to do more....

de Wb4APR, Bob

TAPR's annual Technology Demo Day (SAME DAY AS ARRL FD)
Full details are available at <http://www.tapr.org/tdfd>

- * No commercial power is allowed for stations submitting a score.
 - * Any frequencies that are currently allowed for the mode in use.
 - * Digipeaters, Networks, can be used for contacts (RF must be used)
 - * Minimum exchange consists of:
Call Sign, ARRL section, Operator Designation (SO, MO, NO)
 - * Points:
 - o 25 points for receiving the ARRL message in digital form
 - o 2 points for every LIVE packet QSO (packet network, conference
 - o 1 point for every APRS station "received"
 - o 2 points for every APRS station exchanging messages
 - o 25 points for receiving ATV signals from a range over 5 miles
 - o 25 points for transmitting ATV to another station over 5 miles
 - o 5 points for every received SSTV picture received
 - o 5 points for every transmitted SSTV contact
 - o 25 points for receiving any Satellite digital MESSAGE
 - o 25 points for transmitting any Satellite digital Message.
 - o 25 points for making a complete exchange using Spread Spectrum
 - o 5 points for each Spread Spectrum contact thereafter
-

Suggested Operating instructions

- * HOOK UP YOUR SPEAKER.
If you aren't listening to the packets, then you may not know what is going on the channel. TNC's do not detect collisions. DCD's do not either, so just because the little green light is OFF, does not mean the channel is not all QRM
- * Operate normally.
USE SHORT packets and MINIMUM PATH.
Use WIDEN-N where possible.

Keep hops practical for your area. (any more than 3 probably impossible)...

Work everyone you see on mail/traffic pages.

* ACKS are not required!

If you get a QSL message from the other station, don't wait for an ACK. Erase the outgoing message to reduce QRM!

* Internet Gateways

The key here is that IGates only pass through MESSAGEs to LOCAL stations in their area. This means you can QSO with anyone if you already know their callsign! You will probably NOT see their posits since only messages go via IGates (normally). This is why you should always include your GRIDSQ in all of your text messages.

Here are some ways we have come up with to get around these quirks for:

- * a) Assume an SSID of -6 for stations and guess at some APRS calls...
- * Watch your traffic list. As soon as anyone QSO's anyone in your area, you will see them for a return QSO.
- * Send a CQ FD MESSAGE with your GRIDSQ and report to a DIGI in a known area with an IGate. This will go through all IGates.
- * Do a MAPS-OVERLAY-DIGIS for an area to see a good target call. (See C)
- * Do NOT send CQFD or TARGET messages until you have exhausted all other contacts, else we may totally BLOCK the RF channels around IGates.
- * Once you are working via IGATES, PLEASE minimize your path to ONLY the hops needed to hit your local IGate.
- * Home Stations If you are not going to operate, please set up your UN-ATTENDED home station for AUTOREPLY with something like 'QSL. [gridsq].(NO), ARRL section, etc. For APRSdos this simply means send ONE message to the callsign of REPLY and make sure this message is the first in your SEND list.

APRSÆ is registered to Bob Bruninga, WB4APR.

Tucson Amateur Packet Radio

8987-309 E Tanque Verde Rd #337 * Tucson, Az * 85749-9399

e-mail: tapr@tapr.org web: <http://www.tapr.org/>
ftp: [ftp.tapr.org](ftp://ftp.tapr.org)
phone: 940-383-0000 fax: 940-565-2544

Greg Jones, WD5IVD

Austin, Texas

wd5ivd@tapr.org

<http://www.tapr.org/~wd5ivd>

You are currently subscribed to aprsnews as: BRUNINGA@NADN.NAVY.MIL
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tappr.org

You are currently subscribed to aprsnews as: lyris.aprsnews@tappr.org
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tappr.org

From bounce-aprsnews-839@lists.tappr.org Wed Jun 9 07:25:18 1999
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.10) with SMTP id HAA12913
for <lyris.aprsnews@tappr.org>; Wed, 9 Jun 1999 07:25:15 -0500 (CDT)
Message-Id: <LYR839-25209-1999.06.09-07.31.13--
lyris.aprsnews#tappr.org@lists.tappr.org>
X-Sender: jwhughes@mail.lig.bellsouth.net
Date: Wed, 09 Jun 1999 06:36:20 -0400
To: "APRS Announcements" <aprsnews@lists.tappr.org>
From: John <jwhughes@bellsouth.net>
Subject: [aprsnews] Re: MIR passes USA for Tuesday
In-Reply-To: <LYR9169-24973-1999.06.08-07.11.01--jwhughes#bellsouth.net@
lists.tappr.org>
References: <LYR3559-24906-1999.06.07-20.50.03--
BRUNINGA#NADN.NAVY.MIL@lists.tappr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <3.0.6.32.19990609063620.007e5d20@mail.lig.bellsouth.net>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

Start Time:6/09 Latitude29.677
End Time:6/12 Longitude-82.373
Time Zone:UTC-4.0

MIR approx. visual mag = -0.5
Date

(mm/dd)RiseSetDuration
(mm:ss)Sun Lit
(mm:ss)Max.
Elevation Aprox.
Image
6/0906:23:43pm NNWE08:0008:008 NNE
6/0907:58:14pm NWSE10:0010:0063 WSW
6/1010:46:16am SSWNE10:0010:0040 SE
6/1012:22:25pm WNNE08:4508:4511 NNW
6/1006:49:07pm NNWESE09:4509:4527 NE
6/1008:24:44pm WNWSE08:4508:4512 SW
6/1109:38:03am SENE08:1508:1510 SE
6/1111:12:13am WSWNE10:0010:0034 NW
6/1105:40:19pm NNWE08:1508:159 NE
6/1107:14:54pm NWSE10:0010:0053 SW
6/1210:02:48am SSWNE10:1510:1547 SE
6/1211:39:06am WNNE08:3008:3010 NW

Though we make every effort to provide accurate information, these predictions are for educational and entertainment purposes only.

To update your satellite selections or unsubscribe visit:
<http://liftoff.msfc.nasa.gov/RealTime/JPass/PassGenerator/>

At 10:01 PM 6/7/99 -0400, you wrote:

>Last day of informal HT COMM test via MIR. Running 5 watts max to rubber
>duck antennas. Here are passes for USA:

>
>PDT MDT CDT EDT
>----
>... 1228 1128
>1003 1103 1205 1308
>1135 1237 1340 1443
>1312 1415 1518 1621
>1448 1550 1653 1756
>1624 1726 1829 1932
>1800 1902 2005 2108
>1935 2037 2139 ..

>
>Enjoy. de WB4APR, Bob

>
>
>
>---

>You are currently subscribed to aprsnews as: jwhughes@bellsouth.net
>To unsubscribe send a blank email to leave-aprsnews-839E@lists.tappr.org
>
>
>

You are currently subscribed to aprsnews as: lyris.aprsnews@tappr.org
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tappr.org

From bounce-aprsnews-839@lists.tappr.org Sat Jun 12 13:34:25 1999
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.10) with SMTP id NAA26266
for <lyris.aprsnews@tappr.org>; Sat, 12 Jun 1999 13:34:24 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Fri, 11 Jun 1999 18:40:43 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tappr.org>
cc: TAPR APRS Special Interest Group <aprssig@tappr.org>, aprsnews@tappr.org,
htaprs@tappr.org
Subject: [aprsnews] Re: Kenwood D-7A
In-Reply-To: <19990609164110.AAA27971@itsmail.itsnet.com@phil>
Message-ID: <LYR839-25696-1999.06.12-13.39.46--
lyris.aprsnews#tappr.org@lists.tappr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <Pine.GS0.4.05L.9906111839330.10825-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

Anyone in Utah wanna contact Phil?

On Wed, 9 Jun 1999, Phil Thunborg wrote:

> Also, do you know of any APRS activity in the Provo/Salt Lake City areas of
> Utah or who I might contact?
>
> Phil Thunborg <theborg@itsnet.com>

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From bounce-aprsnews-839@lists.tapr.org Sat Jun 12 13:36:03 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id NAA26318
for <lyris.aprsnews@tapr.org>; Sat, 12 Jun 1999 13:36:02 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Sat, 12 Jun 1999 13:26:29 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: Cars List <cars@k4ksa.org>, 4ginger2@gte.net,
TAPR APRS Special Interest Group <aprssig@tapr.org>, aprsnews@tapr.org,
htaprs@tapr.org
Subject: [aprsnews] Re: APRS Kids Day
In-Reply-To: <3761EF22.AF09ED17@concentric.net>
Message-ID: <LYR839-25699-1999.06.12-13.41.32--lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.9906121320550.24298-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

The folloing message details 19 June as KIDS DAY to get them on the air.
I think APRS has a wonderful opportunity here also. In APRS, consider
setting your MESSAGE GROUPS to include the group call of KIDS. Then on
KIDS day, you sohould be able to easily contact other KIDS. Once you get
a reply, then be sure to use the actual callsign for replies.

The following is significantly excerpted to reduce bandwidth:

On Fri, 11 Jun 1999, Paul Womble wrote:

> KID'S DAY SHOWS OFF HAM RADIO TO NEXT GENERATION
>
> If you've ever said we need to get more young people into ham radio,

> Kid's Day presents ample opportunity to put your words into action. Just
> ask some young people to spent at least 15 minutes in your ham shack on
> Kid's Day--June 19--talking to other youngsters...
>
> Kid's Day was started by "Tree" Tyree, N6TR, under the auspices of the
> Boring Amateur Radio Club in Oregon. N6TR asked the ARRL to assist with
> sponsorship.
>
> During a January running of Kid's Day, more than 400 youngsters took
> part (see June QST, page 32).
>
> Bettendorf, Iowa, plan to set up a station at the Bettendorf Family
> Museum of Arts & Sciences for Kid's Day. They'll hand out certificates
>
> Ham volunteers at Kopernik Observatory, in Vestal, New York, are
> inviting area youths to visit on Kid's Day, and will operate through the
> satellites, listening for other youngsters on-the-air.
>
> Worldradio Editor Rick McCusker, WF60, of Sacramento, California, has
> printed flyers about Kid's Day and distributed them in his neighborhood.
>
> Kid's Day is June 19, 1800-2400 UTC. Suggested event frequencies are
> 14,270 to 14,300 kHz and 28,350 to 28,400 kHz. For more details about
> Kid's Day, visit <http://www.jzap.com/k7rat/>.

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From bounce-aprsnews-839@lists.tapr.org Sun Jun 13 09:05:51 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id JAA06353
for <lyris.aprsnews@tapr.org>; Sun, 13 Jun 1999 09:05:50 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Sat, 12 Jun 1999 22:27:16 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] SUN Racers
Message-ID: <LYR839-25762-1999.06.13-09.11.59--
lyris.aprsnews@tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>

List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <Pine.GS0.4.05L.9906122222250.9299-100000@arctic>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

I just heard of an Electric Car race (SUN Racers) from Wash DC to Florida next week (20 June). I know of no details nor any planned APRS activity? This is an ideal APRS application. Does anyone have details to share with us?

This is an example of our need for a weekly calendar of APRS events. We need a volunteer to post periodically a list of upcoming APRS events. NIAN used to do it. Although there are lots of things announced here, they sort of get forgotten. The volunteer would condense the info into just a list of dates with 1 or 2 line summaries of the events. Then post this once a week, so the rest of us would not have to keep up with all the separate announcements, but could see a fresh summary..

de WB4APR, Bob

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From bounce-aprsnews-839@lists.tappr.org Sun Jun 13 17:19:37 1999
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.10) with SMTP id RAA20308
for <lyris.aprsnews@tappr.org>; Sun, 13 Jun 1999 17:19:36 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Sun, 13 Jun 1999 12:33:20 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tappr.org>
cc: amsat-bb@amsat.org, sarex@amsat.org, htaprs@tappr.org
Subject: [aprsnews] APRS Events Calendar
Message-ID: <LYR839-25822-1999.06.13-17.25.45--
lyris.aprsnews@tappr.org@lists.tappr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>

X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.9906131151390.14127-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Here is a short summary of upcoming communication/tracking events. Please let us know of any events that others might find interesting even if local. We can still watch from afar via <http://www.aprs.net>

16 Jun AMSAT NET @ 2100 EDT on GE1, 5.7 MHz. APRS CheckIn w WD5DZC
16 Jun 3 days KC7NFZ hiking in Denali AK. WOrking AO27 and APRS via MIR
19 Jun Kids Day. 1400-1000 EDT. APRS everywhere; voice on 14270,28350.
19 Jun Saturday. PG County, MD Y2K Drill 1300-1600 EDT
20 Jun Sunday. SUNrayce Wash DC to Florida. APRS?
23 Jun Tuesday AMSAT NET @ 2100 EDT on GE1, 5.7 MHz. APRS Ck-In w WD5DZC
26 Jun FIELD DAY! TAPR TECHNOLOGY DAY! APRS, AO-27 Everywhere
27 Jun FIELD DAY! TAPR TECHNOLOGY DAY! APRS, AO-27 Everywhere
25 Jun to 5 Jul KK5YY AO27 and mobile APRS in Alaska
2 Jul to 5 Jul Circus Train Baraboo to Milwaukee WI SSB on 40, 20, 15.
11 Jul 1800 UTC APRS talk in South Africa via Landline/ voice nets
20 Jul STS-93 SAREX with packet (APRS?)
21 Jul NASA Goddard ARC meeting on APRS Mic-Encoders and Mic-Lite.
?? Aug SIMSAT Launch. APRS Balloon in Wash DC area

de WB4APR, Bob

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id RAA20341
for <lyris.aprsnews@tapr.org>; Sun, 13 Jun 1999 17:20:19 -0500 (CDT)
Message-Id: <LYR839-25825-1999.06.13-17.26.35--
lyris.aprsnews@tapr.org>
X-Sender: va2bmg@pop.cam.org
Date: Sun, 13 Jun 1999 17:33:01 -0400
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: Bruno Quesnel <va2bmg@CAM.ORG>
Subject: [aprsnews] Re: SUN Racers
In-Reply-To: <LYR9484-25762-1999.06.13-09.11.59--quesnelb#ve2.ele.etsmt1

.ca@lists.tappr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <3.0.6.32.19990613173301.0079e100@pop.cam.org>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

Hi to all. My name is Bruno Quesnel and I'm from Montreal. I'm co-managing the APRS Igate in the Montreal Region.

For details about the SunRayce (www.sunrayce.com), it is an event that happens every two years that involves University around north america. This year is one of those year. The competition starts on June 20th from Washington D.C. to finish on June 29th at Epcot Center.

My implication with this race is that, being a student in a University in Montreal that participate in this event (Ecole de technologie Superieure) and having a Ham club in the same university, specially being the Igate for Montreal, seemed to be a good match to intall a mobile intallation to follow our car in the race.

To put this installation was the idea of Ronald Armstrong (VE2 JOR) when he came to visit the campus in february. Thanks to him many times for the landing of the equipement.

So this is the information about the race. For more details, please contact the web site mentionned earlier.

Bruno Quesnel VA2 BMG

At 10:27 PM 6/12/99 -0400, you wrote:

>I just heard of an Electric Car race (SUN Racers) from Wash DC to Florida
>next week (20 June). I konw of no details nor any planned APRS activity?
>This is an ideal APRS application. Does anyone have details to share with
>us?

>

>This is an example of our need for a weekly calendar of APRS events. We
>need a volunteer to post periodically a list of upcomming APRS events.
>NIAN used to do it. Although there are lots of things announced here,
>they sort of get forgotten. The volunteer would condense the info into
>just a list of dates with 1 or 2 line summaries of the events. Then post
>this once a week, so the rest of us would not have to keep wp with all the

>separate announcements, but could see a fresh summary..

>

>de WB4APR, Bob

>

>

>

>---

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>

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From bounce-aprsnews-839@lists.tappr.org Mon Jun 14 07:47:42 1999

Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])

by tappr.org (8.9.3/8.9.3/1.10) with SMTP id HAA25621

for <lyris.aprsnews@tappr.org>; Mon, 14 Jun 1999 07:47:41 -0500 (CDT)

X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs

Date: Sun, 13 Jun 1999 19:26:44 -0400 (EDT)

From: Bob Bruninga <bruninga@nadn.navy.mil>

X-Sender: bruninga@arctic

To: "APRS Announcements" <aprsnews@lists.tappr.org>

Subject: [aprsnews] Bulletin's on MIR [APRS]

Message-ID: <LYR839-25885-1999.06.14-07.53.52--

lyris.aprsnews#tappr.org@lists.tappr.org>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>

List-Software: Lyris Server version 3.0

List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>

List-Owner: <mailto:owner-aprsnews@lists.tappr.org>

X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>

Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>

X-Message-Id: <Pine.GS0.4.05L.9906131912300.25639-100000@arctic>

Sender: bounce-aprsnews-839@lists.tappr.org

Precedence: bulk

I asked Doc, N6CO to put some APRS bulletins on the MIR downlink so that
THD7's would see something. Here is what he reports to have installed:

R0MIR>MIREX::BLN2 :The MIREX team & crew sends greetings to ALL World Wide

R0MIR>MIREX::BLN1 :Please enjoy APRS UNPROTO Via R0MIR

Again, the solicitation in BLN1 is for low power 5W QRP stations using the effecient short THD7 or other short packets. I dont think it is a good idea to do base-station-to-base station verbose POSITS, or we will wear out our welcome from the other non-APRS stations.

Finally do NOT try for ACKS. Once you see your packet successful via MIR, STOP TRANSMITTING It; The other stations probably got it. If you are going to send a message, send it as a bulletin so that other THD7's can see it.

de WB4APR, Bob

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To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org

From bounce-aprsnews-839@lists.tapr.org Mon Jun 14 11:02:45 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id LAA01401
for <lyris.aprsnews@tapr.org>; Mon, 14 Jun 1999 11:02:41 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 14 Jun 1999 11:46:54 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] Mile Markers for Massachussetts
Message-ID: <LYR839-25909-1999.06.14-11.08.53--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GSO.4.05L.9906141127000.9104-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

I can pretty well finish the APRS Data base of Mile Markers if I can get a few key MM's for MASS. This data base allows you to quickly estimate the location of a "voice mobile" who gives you a mile marker. Just hit the keys MM MA90 XX and APRSdos will draw a line across I-90 at the

approximate location of marker XX. This is real handy when you are APRS mobile and chatting with other mobile stations that do not have APRS...

Its also handy at EOC's as a plotting reference to mobiles using MM reference. Here is a list of the key Mile Marks that I need:

- 1) I-95 MM at the I-95/I-93 Split in South Boston
- 2) I-95 MM at intersection with MASS PIke I-90
- 3) I-95 MM at intersection with Route 1 in NE boston
- 4) I-95 MM at NH state line

- 1) I-495 MM at intersection of I-95 in Southeast MA
- 2) I-495 MM at intersection of I-90 Mass Pike
- 3) I-495 MM at intersection with I-290 near Marlborough
- 4) I-495 MM at intersection with I-93 in North MA
- 5) I-495 MM at intersection with I-95 in North MA

- 1) I-93 MM at intersection with I-90 Mass Pike in downtown Boston
- 2) I-93 MM at NH State line

- 1) I-90 MM at exit 3 west of West Springfield
- 2) I-90 MM at exit 9 junction with I-84
- 3) I-90 MM at junction with I-495
- 4) I-90 MM at junction with I-95

- 1) I-395 MM at junction with I-90

- 1) I-290 MM at junction with I-190 NE of Worcester

- 1) I-190 MM at junction with Route 2 just east of Leominster

Again, all I need is to know what is the MILE MARKER at that location. I can get the LAT/LONG myself from the map. Since the Mile Marker will never be at exactly the intersection, please estimate the MM to the nearest tenth of a mile at exactly the intersection.

de WB4APR, Bob

P.S. I Also need this for New Hampshire, Connecticut, Maine and some in NY and PA

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From bounce-aprsnews-839@lists.tapr.org Mon Jun 14 15:29:59 1999

Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.10) with SMTP id PAA08825
for <lyris.aprsnews@tappr.org>; Mon, 14 Jun 1999 15:29:58 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 14 Jun 1999 16:25:36 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tappr.org>
cc: TAPR APRS Special Interest Group <aprssig@tappr.org>, aprsnews@tappr.org,
htaprs@tappr.org
Subject: [aprsnews] A0-27 Internet Monitor Gateways
Message-ID: <LYR839-25931-1999.06.14-15.36.14--
lyris.aprsnews#tappr.org@lists.tappr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <Pine.GSO.4.05L.9906141612560.28275-100000@arctic>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

A0-27 is one of the most popular AMSAT's because it allows Handheld VOICE communications. As part of my focus on using Satellites for mobile/portable Amateur Radio operations, this paper suggests ways to improve the visibility of such operations by tying the A0-27 downlink into the internet and WEB pages so that everyone can monitor the activity. This is very useful for outreach to kids and schools.

All we need are a few stations monitoring the downlink and feeding it into the internet for access. These ground stations need only a UHF receiver and fixed antenna. Only 9 or so would provide 90% coverage for all passes over the USA. There are two types of information on the downlink, voice and PTT tone bursts. The PTT tones here are only the 0.2 second ID burst that can be appended to the end of any voice QSO by the new Kenwood THD7 dual band 5W HT or from any radio using the APRS Mic-Encoder. First I will address this tone burst since it is the easiest.

The 0.2 second tone bursts contain the stations' position, course, speed and brief Status. NOTE! we are NOT suggesting packet operations on A0-27, but these computer-readable bursts are invaluable in the rapid and precise identification of users. On the ground, these bursts can be distributed worldwide almost instantly by the existing APRServe internet infrastructure and instantly plotted on many LIVE WEB pages

such as <http://www.aprs.net> . Thus, not only do we have a self logging satellite voice communications system, but also the ability to receive emergency text communications from anyone with an HT in the wilderness via A0-27 (and any other FM voice or AX.25 satellite)

Since there will be multiple receiver sites all feeding their data into the same worldwide distribution system, they can use fixed antennas and fixed doppler and only concentrate on their optimum area of the sky because:

- 1) A0-27 is only on during the day, during North to South passes
- 2) During the first third of the pass, the doppler is about +7 KHz
- 3) During the first third of the pass, the satellite is NORTH

Thus, a fixed tuned receiver at 435.807 MHz (+7Khz) using only a 3 element UHF beam or Corner reflector pointed north will capture almost HALF of the available passes. Higher gain is NOT desired since it would not see passes to the northeast and northwest. Remember, your station is only a small piece of a nationwide distributed listening network. The geometry of the sky from your location where the doppler is between +6 and +8 KHz extends from your northern horizon to almost 45 degrees. The sector is a full 90 degrees wide from your NE to your NW. No more than 3 elements should be used or the azimuth coverage would not be sufficient. If you want to pick up an added 3 dB, then use a pair of stacked 3 element vertical beams to narrow the vertical pattern while preserving the horizontal width. Other creative antennas approaching 10 dB can be designed for just this sector.

OPERATIONS: Any such UHF receiver configured as noted above, will receive the downlink during all daytime passes. To link those brief 0.2 second tone bursts from the THD7 users into the worldwide APRS internet system, all you must do is have a TNC with the MYALIAS of RELAY listening on UHF and transmitting on 2 meters on 144.39.

VOICE INTERNET ACCESS: This is not my area of expertise, but I assume that using "REAL-AUDIO" techniques, that creative WEB masters can create WEB pages to capture and make available the brief 5 minute pass audio from these receiver to anyone in real time.

PLANS: I will begin work on such an A0-27 Monitoring receiver for Maryland. Just looking at a USA map, if we had similar sites in Atlanta, Chicago, Miami, Houston, Kansas City, Denver, LA and SFO, then we would have quite a network, capable of capturing most passes. Already you can monitor such live HT users via MIR on our automatic MIR monitoring WEB page <http://web.usna.navy.mil/~bruninga/mirex.html> This is a similar system to monitor the A0-27 downlink.

THD7 USERS: To enable the short tone burst at the end of your PTT

voice operations, set TRANSMIT to PTT, rate to 30 secs, PATH to RELAY.
Keep your STATUS text short or your data burst will be longer.
You can dial in any one of the 7 pre programmed COMMENTS, but please
avoid EMERGENCY unless its true. Uplink is on 145.85. The internal
TNC cannot operate cross band, so you will NOT be able to decode
any other stations you may hear on 435.800 + doppler. But everyone
else monitoring can.

If you do not have a THD7, you can add a Mic-Encoder to any HT
using either the original TAPR Mic-ENcoder or the new Mic-Lite.
See <http://www.toad.net/~clement/mim2.htm>

de WB4APR, Bob

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From bounce-aprsnews-839@lists.tapr.org Tue Jun 15 06:52:12 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id GAA17495
for <lyris.aprsnews@tapr.org>; Tue, 15 Jun 1999 06:52:11 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 14 Jun 1999 23:26:19 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: TAPR APRS Special Interest Group <aprssig@tapr.org>, aprsnews@tapr.org,
htaprs@tapr.org
Subject: [aprsnews] Re: A0-27 Internet Monitor Gateways
In-Reply-To: <Pine.GS0.4.05L.9906141612560.28275-100000@arctic>
Message-ID: <LYR839-25986-1999.06.15-06.58.26--lyris.aprsnews@tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.9906142317450.16726-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

In my earlier post, the A0-27 frequency is in error. I took it from the

table on page 13 of this months AMSAT journal as 435.800 +/- doppler. Ray Soifer points out this is in error and the actual center frequency is 436.795, almost 1 MHZ higher. So if you are going to listen for A0-27, start at 436.803 and tune downwards during the pass. Also, A027 is only on in the northern hemisphere and turns on somewhere over canada and turns off 18 minutes later. Uplink is still 145.850

I have heard that you can hear it briefly on a GOOD rubber duck but only during the center of a close overhead pass and if you have the polarity matched. Also note, that a lot of the time it sounds like mush, because that is what it is hearing from all the QRM on the uplink.

de WB4APR, Bob

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id PAA02254
for <lyris.aprsnews@tapr.org>; Tue, 15 Jun 1999 15:19:36 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Tue, 15 Jun 1999 16:06:26 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] APRS Events Calendar
Message-ID: <LYR839-26038-1999.06.15-15.25.50--
lyris.aprsnews@tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.9906151605580.2015-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Here is an updated brief summary of upcoming communication/tracking events. Please let us know of any events that others might find interesting even if local. We can still watch from afar via

<http://www.aprs.net>

16 Jun AMSAT NET @ 2100 EDT on GE1, 5.7 MHz. APRS CheckIn w WD5DZC
16 Jun 3 days KC7NFZ hiking in Denali AK. Working A027 and APRS via MIR
19 Jun Kids Day. 1400-1000 EDT. APRS everywhere; voice on 14270,28350.
19 Jun Saturday. PG County, MD Y2K Drill 1300-1600 EDT
19 Jun Kansas Near Space APRS Balloon Launch
19 Jun APRS Seminar at Milford OH Hamfest at 0930 EDT
20 Jun Sunday. SUNrayce Wash DC to Florida. APRS?
23 Jun Tuesday AMSAT NET @ 2100 EDT on GE1, 5.7 MHz. APRS Ck-In w WD5DZC
26 Jun FIELD DAY! TAPR TECHNOLOGY DAY! APRS, A0-27 Everywhere
27 Jun FIELD DAY! TAPR TECHNOLOGY DAY! APRS, A0-27 Everywhere
25 Jun to 5 Jul KK5YY A027 and mobile APRS in Alaska
2 Jul to 5 Jul Circus Train Baraboo to Milwaukee WI SSB on 40, 20, 15.
11 Jul 1800 UTC APRS talk in South Africa via Landline/ voice nets
20 Jul STS-93 SAREX with packet (APRS?)
21 Jul NASA Goddard ARC meeting on APRS Mic-Encoders and Mic-Lite.
?? Aug SIMSAT Launch. APRS Balloon in Wash DC area
6 Oct to 10 Oct Big Bear to Mamouth Mtn 365 mi Bike race in So CALIF

de WB4APR, Bob

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From bounce-aprsnews-839@lists.tappr.org Wed Jun 16 07:17:54 1999
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.10) with SMTP id HAA11183
for <lyris.aprsnews@tappr.org>; Wed, 16 Jun 1999 07:17:48 -0500 (CDT)
Sender: bounce-aprsnews-839@lists.tappr.org
Message-ID: <LYR839-26128-1999.06.16-07.24.12--
lyris.aprsnews@tappr.org>

Date: Mon, 14 Jun 1999 16:35:32 -0400
From: Howard Hecht <st_rider@csi.com>
X-Accept-Language: en
MIME-Version: 1.0
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Subject: [aprsnews] Re: Mile Markers for Massachussetts
References: <LYR8359-25909-1999.06.14-11.08.53--st_rider#csi.com@lists.tappr.org>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <37656794.D054E51F@csi.com>
Precedence: bulk

Bob,

What do you need for CT? I'll try to start rounding up the one's in my area (South Central) and when I'm on the road.

Howard

Bob Bruninga wrote:

>

<snip>

> P.S. I Also need this for New Hampshire, Connecticut, Maine
> and some in NY and PA

--

Howard Hecht WA1LWD
Co-Task Force Leader
New England Ride for Kids

Join our ride 22 Aug 1999

Help find the cause of and cure for
Pediatric Brain Tumors

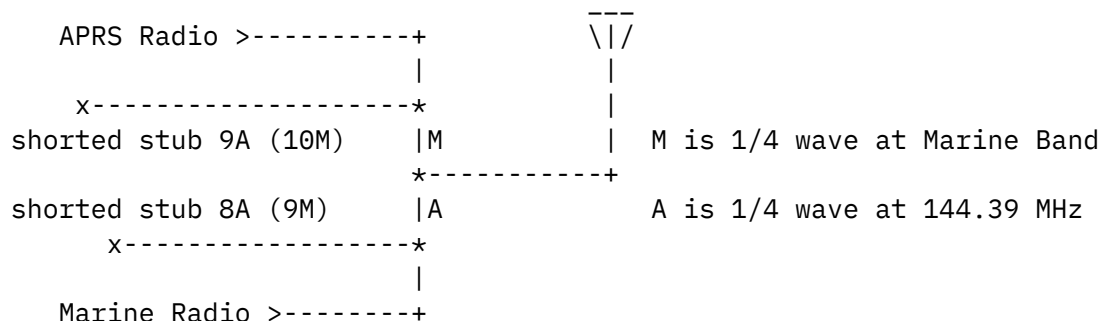
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From bounce-aprsnews-839@lists.tappr.org Thu Jun 17 10:51:12 1999
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])

by tapr.org (8.9.3/8.9.3/1.10) with SMTP id KAA09340
 for <lyris.aprsnews@tapr.org>; Thu, 17 Jun 1999 10:51:12 -0500 (CDT)
 X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
 Date: Thu, 17 Jun 1999 10:33:41 -0400 (EDT)
 From: Bob Bruninga <bruninga@nadn.navy.mil>
 X-Sender: bruninga@arctic
 To: "APRS Announcements" <aprsnews@lists.tapr.org>
 Subject: [aprsnews] EOC Shared Antenna
 Message-ID: <LYR839-26288-1999.06.17-10.57.32--
 lyris.aprsnews#tapr.org@lists.tapr.org>
 MIME-Version: 1.0
 Content-Type: TEXT/PLAIN; charset=US-ASCII
 List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
 List-Software: Lyris Server version 3.0
 List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
 List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
 X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
 Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
 X-Message-Id: <Pine.GS0.4.05L.9906170841470.12615-100000@arctic>
 Sender: bounce-aprsnews-839@lists.tapr.org
 Precedence: bulk

This is a follow up message, after having built it:

For APRS to share a Marine band antenna at the EOC, I came up with this solution which provides 30 dB isolation between radios and 0 dB insertion loss. It consists of two shorted stubs that are multiple quarterwaves long joined to the antenna by two other quarter waves.



This is just the classic shorted stub, but longer. By making the shorted stub 10 quarter waves on the Marine band, this is the same as 9 QW on 144.39 so the insertion loss is ZERO. If you used the classic short stub, the insertion loss at 144.39 would be almost 8 dB! This table shows the difference:

Stub Length in 1/4 Waves	Isolation	Insertion	
-----	-----	-----	
10 @ 156 (9 @ 144)	30 dB	0	<= only this one is close

6 @ 156	31 dB	-2 dB	to an odd number at
4 @ 156	33 dB	-3 dB	144, so it has 0 loss
2 @ 156	40	-8 dB	

To determine the optimum length, simply take the ratio of the frequencies here 144/156 which is about 9/10. Notice that the longer the stub, the less the Isolation achievable, so for frequencies that are even closer, the isolation is not as good, but the insertion loss is still very low.

Another application is as just a receive stub to knock out Pagers at 151 MHz. This would take 20 QW at 151 to equal 19 QW at 144. BUT even if the Isolation was only 20 dB, this would surely get the pagers out of your front end and still show 0 insertion loss. Note, if you used just a short stub in this case, then the insertion loss at 144 would be an unacceptable 15 dB!

This suggestion is not as good as cavity diplexers. Its function is to permit shared use of an antenna without damage to either radio when the other transmits. But since you can ball the coax into the size of your fist, it takes up less than 1/1000 the volume required for cavities. When one radio transmits, the other will be desensitized, but in this application where the Marine Band radio and APRS are in RECEIVE mode 99.9% of the time, it is perfect.

de WB4APR, Bob

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id KAA09368
for <lyris.aprsnews@tapr.org>; Thu, 17 Jun 1999 10:51:24 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Thu, 17 Jun 1999 10:48:54 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: "Dr. William I. Clement" <wclement@toad.net>,
TAPR APRS Special Interest Group <aprssig@tapr.org>, aprsnews@tapr.org
Subject: [aprsnews] MIM/Mic-Lite
Message-ID: <LYR839-26289-1999.06.17-10.57.41--
lyris.aprsnews@tapr.org>
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyriss Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <Pine.GS0.4.05L.9906171036180.15416-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

Ed asked about a modified Mic-Lite or Pic-E to QSY his radio to 144.39 for the Mic-E burst and then return to his voice channel. He suggested a radio control port on the Mic-E to send serial radio commands to the radio to QSY it during the transmission. Here is my suggestion:

Rather than try to put code into the MIM/Mic-Lite for all the different radios, since you mentioned pushing a button anyway, why not just wire an external DPST push button so that when you push it, one pair of contacts connected to your radio's CALL or MEMORY button QSY's the radio and the other contacts simply Key the MIM/Mic-Lite for the transmission.

Much simpler... Press the button twice each time you use it. Once does the above, and the second time (on my Kenwood anyway) returns you to the channel in use. (Since the Mic-Lite has already transmitted, it will not be ready to transmit again for another 30 seconds or so depending on what you have set in...

Hope this helps.

de WB4APR, Bob

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From bounce-aprsnews-839@lists.tappr.org Fri Jun 18 07:06:16 1999
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.10) with SMTP id HAA24967
for <lyris.aprsnews@tappr.org>; Fri, 18 Jun 1999 07:06:10 -0500 (CDT)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Message-Id: <LYR839-26425-1999.06.18-07.12.39--
lyris.aprsnews#tappr.org@lists.tappr.org>
Date: Thu, 17 Jun 1999 19:48:00 -0500

To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: Mike Musick <mcmusick@anet-stl.com>
Subject: [aprsnews] pocketAPRS v0.37 Released
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <v04011701b38f46c3052d@[209.145.181.6]>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

pocketAPRS v0.37 has been uploaded to the TAPR FTP server. This version is comprised of more bug fixes plus a few feature additions, all products of the final push to get object editing and object info display done (which is what will become "v1.0").

IMPORTANT IMPORTANT IMPORTANT! - YOU *MUST* DELETE ALL APRS DATABASES, MAPS AND PRIOR VERSIONS OF POCKETAPRS FROM YOUR PALM BEFORE LOADING v0.35! You will crash your Palm if you fail to do this.

Summary of changes from v0.35 -

New features:

- Comprehensive alarm system:
 - Proximity with selectable distances;
 - Object/station motion;
 - Object/station update.
- Object/station information form now working.
- Station list now has function popup for station/object actions.
- New ability to "ignore" stations.
- RELAY digipeat selection added.
- Low memory warnings added.

Bug fixes:

- "Disappearing beachball" problem nailed!
- Accidental retransmission of incoming messages fixed.
- More consistent map display of new incoming objects.
- Path-based filters feature corrected (was not working).
- Serious MIC-E parsing problems repaired.
- Bulletproofing against bad position data.
- Fixed bug relating to non-transmit at startup.
- "Do you want to save position" at Quit now accounts for SA.
- Fixed error problem with stylus input at high magnifications.

The proximity alerts are selectable by station, with the alert distance also selected on a per-station basis. The "update" alert will give you two beeps (CW "I") on any transmission heard from the selected station(s).

Both motion and proximity alerts will sound the Palm alarm and flash a message including callsign on the screen.

A new idea is the "ignore station" feature. Ignoring a station will delete the station's object information, but keep the call in a list which is checked on every received packet. If the sending callsign is in the ignore list, the packet is forgotten. The ignore list cannot be edited, but can be cleared (in "Filters"). It is also cleared when you quit the program. There is a limit of roughly 10 calls which can be put in the ignore list, with a warning if it's full.

The new beta is available at it's "usual" location:

<ftp://ftp.tapr.org//aprssig/palmstuff/palmaprs/paprs037.zip>

as well as:

<ftp://ftp.tapr.org//aprssig/palmstuff/palmaprs/pcktaprs.zip>
<ftp://ftp.tapr.org//aprssig/palmstuff/palmaprs/paprs031.zip>

"pcktaprs.zip" will always contain the most recent version. "paprs031.zip" will also contain the most recent version (and not v0.31) for the next few months because this is the file name published in the flyer distributed at Dayton (yeah, yeah... poor planning. :-/).

...mike

pocketAPRS - APRS for the Palm Connected Organizer

Application: <ftp://ftp.tapr.org//aprssig/palmstuff/palmaprs/paprs037.zip>
Map Files: <ftp://ftp.tapr.org//aprssig/palmstuff/palmmaps/>
Website: <http://www.anet-stl.com/~mcmusick>

You are currently subscribed to aprsnews as: lyris.aprsnews@tapr.org
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org

From bounce-aprsnews-839@lists.tapr.org Fri Jun 18 14:33:26 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id OAA06702

for <lyris.aprsnews@tapr.org>; Fri, 18 Jun 1999 14:33:24 -0500 (CDT)
Message-Id: <LYR839-26470-1999.06.18-14.39.46--
lyris.aprsnews#tapr.org@lists.tapr.org>
X-Sender: jwhughes@mail.lig.bellsouth.net
Date: Fri, 18 Jun 1999 15:00:52 -0400
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: John <jwhughes@bellsouth.net>
Subject: [aprsnews] Baltimore
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <3.0.6.32.19990618150052.00808880@mail.lig.bellsouth.net>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Hello, I spent a couple of days in Baltimore with my kenwood d7a and wonder if anyone picked me up on aprs?

73 de ks4xn (home qth gainesville, fla)

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To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org

From bounce-aprsnews-839@lists.tapr.org Sat Jun 19 13:15:07 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id NAA28125
for <lyris.aprsnews@tapr.org>; Sat, 19 Jun 1999 13:15:06 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Fri, 18 Jun 1999 17:21:07 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: aprsnews@tapr.org, amsat-bb@amsat.org, sarex@amsat.org
Subject: [aprsnews] Charlotte NC AMSAT Demo?
Message-ID: <LYR839-26599-1999.06.19-13.21.22--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0

List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GSO.4.05L.9906181717070.16514-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

If there is anyone that will be downtown in Charlotte NC this weekend and MON, TUES that has a Kenwood and can give a MIR or AO-27 Parking lot DEMO at the American Society for Engineering Education, let me know.

de WB4APR

You are currently subscribed to aprsnews as: lyris.aprsnews@tapr.org
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org

From bounce-aprsnews-839@lists.tapr.org Sun Jun 20 18:23:41 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id SAA27159
for <lyris.aprsnews@tapr.org>; Sun, 20 Jun 1999 18:23:40 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Sun, 20 Jun 1999 18:16:25 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] APRS Field Day CALLSIGNS
Message-ID: <LYR839-26748-1999.06.20-18.30.03--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GSO.4.05L.9906201810180.10551-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

If you know the callsign of anyone on the planet, then an APRS QSO is quite possible via the worldwde APRS network. Without it, its just a stab in the dark.

To make things easier for Technology Field Day, I suggest that everyone use the SSID of -7 in the field.

Since most of us use -7 for the THD7 anyway, then, this already has a good chance of hitting someone outside in the field. Anyway, thats what mine will be. I see KC5G0I is building a list of FD calls. That is what triggered this suggestion.

de WB4APR, Bob

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To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org

From bounce-aprsnews-839@lists.tapr.org Sun Jun 20 18:24:48 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id SAA27189
for <lyris.aprsnews@tapr.org>; Sun, 20 Jun 1999 18:24:48 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Sun, 20 Jun 1999 18:54:01 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] FD Calls
Message-ID: <LYR839-26753-1999.06.20-18.31.21--
lyris.aprsnews@tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.9906201840250.10551-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Thoughts and suggestions for FD:

1) Remember, the only way to get a CQ via a distant Igate is to send a message to someone (or a permanent digipeater) in a target area. I suggest DIGIs, because they are ALWAYS on the air. My FD site will be on and off as we also do many Satellite passes with the THD7 HT. Also, since LCD's look better out of sun, dont expect much operations until the

evening in my opinion..

Therefore we need someone to put together a list like this:

CALL	TYPE	IGATE	LOCATION
WB4APR-7	FD	AA3JY-2	Cpk Bay
K3ATI-12	TARGET	AA3JY-2	N-MD, SE-PA, S-NJ

....

For example, sending a message to K3ATI-12 will be seen by everyone in the indicated region above. Others of you that know your area well, should also suggest the BEST target Digi in your area that will hit the most FD sites at one time. Also, remember that an Igate must be nearby...

Do not send a packet to an Igate as a target, because, of course, it will never get to RF! It will see it and ACK it!
I saw that KC5G0I is collecting callsigns but I been watching all day, and have received no posit from him, so I dont know if he is here on the SIG or just local in NJ?

de WB4APR, Bob

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From bounce-aprsnews-839@lists.tapr.org Mon Jun 21 08:44:04 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id IAA05069
for <lyris.aprsnews@tapr.org>; Mon, 21 Jun 1999 08:44:03 -0500 (CDT)
Message-ID: <LYR839-26834-1999.06.21-08.50.32--
lyris.aprsnews@tapr.org>
From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] a reminder
Date: Mon, 21 Jun 1999 08:42:22 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>

Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <1B66FFC6BE1CD211A0620008C7A42AC273208A@mrdnexch01.ct.adc.com>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

The purpose of the APRS NEWS SIG is disseminate announcements concerning:

New releases of APRS software and firmware

APRS conferences and conventions

The APRS NEWS SIG is not intended as a forum for discussions; there are other APRS SIGs that serve that purpose.

I have posted this reminder because there have been a lot of submissions to APRSNEWS lately that are outside the scope of APRSNEWS. If your "news" does not involve "New releases of APRS software and firmware" or "APRS conferences and conventions," please post your message to a more appropriate SIG.

Thanks for your cooperation,

Stan Horzepa, WA1LOU, APRSNEWS administrator

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From bounce-aprsnews-839@lists.tapr.org Mon Jun 21 10:14:04 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id KAA07500
for <lyris.aprsnews@tapr.org>; Mon, 21 Jun 1999 10:14:02 -0500 (CDT)
Message-ID: <LYR839-26845-1999.06.21-10.20.37--
lyris.aprsnews@tapr.org>
From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] RE: a reminder
Date: Mon, 21 Jun 1999 10:12:23 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0

List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <1B66FFC6BE1CD211A0620008C7A42AC273208B@mrdnexch01.ct.adc.com>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

APRSNEWS is a one-way email list. News items are posted on the list and there is no discussion concerning those items on the list. In this way, folks can keep up to speed regarding new APRS software releases and upcoming APRS conferences and conventions without having to wade through the high volume of messages that are posted on other SIGs, like the APRSSIG.

TAPR sponsors quite a few SIGs related to APRS where discussion is encouraged. Off the top of my head, here are they are:

General APRS discussions, go to the APRSSIG.

A016 APRS discussions, go to the A016APRS SIG.

APRS+SA (Steet Atlas) discussions, go to the APRSPLUS SIG.

Kenwood TH-D7 and VC-H1 APRS discussions, go to the HTAPRS SIG.

MIC-E APRS discussions, go to the MIC-E SIG.

Six-meter APRS meteor scatter network discussions, go to the PROPNET SIG.

PIC-E APRS discussions, go to the PIC-E SIG.

TAPR Technology Demo Day APRS discussions, go to the FDAPRS SIG.

You may subscribe these lists via the TAPR Web page (www.tapr.org).

73,

Stan Horzepa, APRSNEWS administrator

-----Original Message-----

From: Mike Wolthuis [mailto:kb8zgl@wallycom.com]
Sent: Monday, June 21, 1999 9:15 AM
To: Horzepa, Stan
Cc: APRS Announcements
Subject: Re: [aprsnews] a reminder

It would be helpful for maybe some of us novices that don't know all the

lsits, there are many of them, to have them listed. I have a problem that this message basically kindly tells us to get off this list for tech questions, but tells us nothing of where to take them. I appologize if I am wrong here, but please don't discourage people over a little email list address!

Mike "Wally" Wolthuis
WallyCom President!
KB8ZGL

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From bounce-aprsnews-839@lists.tapr.org Wed Jun 23 09:22:48 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id JAA00683
for <lyris.aprsnews@tapr.org>; Wed, 23 Jun 1999 09:22:47 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 23 Jun 1999 09:55:39 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: aprs sig <aprssig@tapr.org>, b.davoren@clear.net.nz,
ozaprs <ozaprs@marconi.mpce.mq.edu.au>, aprsnews@tapr.org
Subject: [aprsnews] Re: [OZAPRS] New Zeland APRSdos maps 01
In-Reply-To: <Pine.GS0.4.05L.9906201825460.10551-100000@arctic>
Message-ID: <LYR839-27096-1999.06.23-09.29.23--lyris.aprsnews@tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.9906230947460.5489-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

I just completed over 17 hours of work to develop APRSdos maps for New Zeland. I had posted one yesterday, but it did not have North Island. So the latest is now NZmaps01.zip posted on tapr.org. Based on maps NZ, NI and SI that B.Davoren sent me, I notice offsets of from 15 to 20 miles in longitude and 0 to 12 miles in latitude. My maps were derived

from WinAPRS DCW maps. Can someone down-under confirm the accuracy of these maps?

Also, I dont know the Autobans from the regular roads, so if anyone would like to run MAPFX40 and use their mouse to draw in the Autobans in GREEN (color 10), then that will sure make the maps more pleasant to look at. (Do this on the NZ-NI and NZ-SI maps and send them back to me and I will fix them on the detail maps if you want...)

Thanks, de WB4APR, Bob

```
> ftp from tapr.org in the following directory:
>
> aprssig/dosstuff/APRSdos
>
> Get the latest APRS840.zip if you dont already have APRSdos and also the
> maps for your area. (NZmaps01.zip)
>
> Be sure to unzip them using PKUNZIP -d to get the right directory
> structure.. To cause APRSdos to use the NZ maplist, simply issue the
> MAPS-CONFIG-CHANGE command to NZ. Then hit the "1" key to zoom straight
> to New Zeland. APRS maps always autozoom. The road detail will not show
> up till you get below 16 miles.
```

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From bounce-aprsnews-839@lists.tapr.org Wed Jun 23 11:24:12 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id LAA04726
for <lyris.aprsnews@tapr.org>; Wed, 23 Jun 1999 11:24:08 -0500 (CDT)
Date: Wed, 23 Jun 1999 11:34:18 -0400
From: Mark Sproul <msproul@ap.org>
Subject: [aprsnews] WinAPRS 2.3.0 beta
X-Sender: msproul@apmail.ap.org
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Cc: aprsnews@tapr.org
Message-id: <LYR839-27111-1999.06.23-11.30.43--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>

X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <v03110710b396ad762045@[165.1.27.20]>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

As some of you are aware, I have been working hard on X-APRS for Linux. This is being developed on Red Hat linux 5.2 using LessTif libraries. It will be made available for as many flavors of Unix as I can.

I have been working very hard on this and not much on bug fixes for WinAPRS, HOWEVER... This does not mean that WinAPRS has been neglected. In the process of porting to X-Windows, much of the low level code is being re-looked at and re-vamped. I am confident that in the long run this will make WinAPRS much more stable.

Please do NOT delete your current copy of WinAPRS, simply take this (WinAPRSb.exe) and place it in the same folder as your WinAPRS.exe file. You can run one or the other (dont run both at the same time) and you can switch back and forth between the two. This beta version will expire the end of August.

WinAPRS Version 2.3.0 beta - Jun 23, 1999

This is a beta release to help verify the underlying changes that have been

made to the skeleton code for the X-Windows port. When I ported MacAPRS to Windows many things had to change in the Mac code to accomidate

both Mac and Windows. When porting to X-Windows, similar chages have to

be made again. There have been many changes to the low-level architecture

of the cross-platform. I am very excited about these changes as they are making the overall framework much cleaner and more stable for Windows in addition to making the X-Windows port very painless. Some work has been done on the icons

WinAPRSbeta 2.3.0 can be found at

<ftp://aprs.rutgers.edu/pub/hamradio/APRS/WinAPRS/winaprsb.zip>

Mark

Mark Sproul	
Software Engineer @ Assoc Press	Work: 609-860-7120
msproul@ap.org	Fax: 609-860-7129

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To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org

From bounce-aprsnews-839@lists.tapr.org Thu Jun 24 15:49:39 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id PAA05733
for <lyris.aprsnews@tapr.org>; Thu, 24 Jun 1999 15:49:38 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Thu, 24 Jun 1999 16:45:14 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: TAPR APRS Special Interest Group <aprssig@tapr.org>, aprsnews@tapr.org,
htaprs@tapr.org
Subject: [aprsnews] Easy Sats for FD (LIST)
Message-ID: <LYR839-27370-1999.06.24-15.56.16--
lyris.aprsnews@tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.9906231854400.535-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Easy Sats:

Based on feed back from my first posting, here is the list of what
satellites are in what modes for FD. Notice that 9 can be received with
just the Kenwood HT and so there will be lots of newbees on this weekend

SAT	UPLink	DWNlink	MODE	KENWOOD RCV XMT
-----	-----	-----	-----	---
A010	435.03-435.18	145.81-145.98	SSB	
A027	145.85 FM	436.800 FM		YES YES!

F020	145.90-146.00	435.80-435.90	SSB
F029	145.90-146.00	435.80-435.90	SSB
RS13	145.96-146.00	29.46-29.50	SSB
RS15	145.86-145.90	29.354-29.394	SSB

U011	none	145.825	1200 AFSK	Hear it
U022	145.90,975	435.120	9600 FSK	YES
K025	145.890	436.500	9600 FSK	YES
T031	145.925,975	436.925	9600 FSK	YES Images
G032	145.85,89,93	435.225	9600 FSK	YES No users
S033	145.915,975	437.910	9600 FSK	YES No users
S035	145.825,85,90,95	436.300	9600 AFSK ???	YES No users
U036		437.025/.400	9600 FSK	YES No users

A016	145.90,92,94,96	437.051	1200 PSK	detect carrier
L019	145.84,86,88,90	437.153	1200 PSK	detect carrier
S035	145.825,85,90,95	436.300	1200 PSK ???	detect carrier

MIR	145.985	145.985	AFSK	YES YES!
-----	---------	---------	------	----------

Note, the table on page 13 of the May/June issue of AMSAT Journal has at least 3 errors.

de WB4APR, Bob

You are currently subscribed to aprsnews as: lyris.aprsnews@tapr.org
 To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org

From bounce-aprsnews-839@lists.tapr.org Fri Jun 25 06:56:07 1999
 Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
 by tapr.org (8.9.3/8.9.3/1.10) with SMTP id GAA13564
 for <lyris.aprsnews@tapr.org>; Fri, 25 Jun 1999 06:56:02 -0500 (CDT)
 X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
 Date: Thu, 24 Jun 1999 21:20:05 -0400 (EDT)
 From: Bob Bruninga <bruninga@nadn.navy.mil>
 X-Sender: bruninga@arctic
 To: "APRS Announcements" <aprsnews@lists.tapr.org>
 Subject: [aprsnews] FD points at 378 THz
 Message-ID: <LYR839-27487-1999.06.25-07.02.50--
lyris.aprsnews#tapr.org@lists.tapr.org>
 MIME-Version: 1.0
 Content-Type: TEXT/PLAIN; charset=US-ASCII
 List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
 List-Software: Lyris Server version 3.0

List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.9906242111070.22510-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

You guys must think Im crazy by now, but looking at FD sites starting to pop up on the map, I just noticed 3 stations that can "see" each other on the shores of the CPK bay over water paths of 7 and 10 miles.

SO why not use a LASER pointer for a CW contact on 378 THz?
Now all I gotta do is get someone at the other sites to take the LASER with them... Actually not really such a crazy idea. WHen the ultimate disaster hits and all the phones are out, the radios die, you can still get the message out on optical CW (if there is anyone left that knows the code....)

Now I know I'm a certified ham radio nut case....

But for FD points, I think we need a range limit. Is 5 miles too hard?
How far can you see a LASER pointer anyway? (Naked Eye).
Shucks, now I gotta throw in a pair of Binoculars to the FD van!

bob

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From bounce-aprsnews-839@lists.tapr.org Fri Jun 25 09:00:17 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id JAA16480
for <lyris.aprsnews@tapr.org>; Fri, 25 Jun 1999 09:00:16 -0500 (CDT)
Date: Fri, 25 Jun 1999 09:50:50 -0400
From: Mark Sproul <msproul@ap.org>
Subject: [aprsnews] WinAPRS 2.3.0 beta de jour
X-Sender: msproul@apmail.ap.org
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Cc: aprsnews@tapr.org, kc5jgv@bobcats2.oursc.k12.ar.us
Message-id: <LYR839-27514-1999.06.25-09.07.00--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <v03110701b39937d6de73@[165.1.27.20]>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

I have been getting some excelent feed back on the beta version some good, some not.

There is a new release of 2.3.0 beta up on Rutgers.

First and foremost, it address Mr Ratchford's comments, the CLOSE ALL PORTS is fixed and I re-enabled the buttons at the top of the station list. I had disabled them for X-Windows testing and forgot to re-enable them. I also fixed a few more of the icons to have transparrent backgrounds, specifically "R"

Fixes

CLOSE ALL PORTS noe works

Station list buttons are back

DIALOGS, MAJOR cosmetic changes, I hope you like them. To make a point about wonderful MicroSoft documentation, the docs were so missleading that it took 3 hours of trial and error to get it right,

Buttons in some of the windows are different

Known problems

The icons in the weather display dont display. I CANNOT figure this out. The icons ARE in the file, I am using the same calls to plot the other icons, but these do not plot.

Memory and colors. I have a couple of reports about memory and colors messing up. These parts of the code have under gone some major changes. Please keep an eye on these and report any problems

Remember, this is BETA

Mark

Mark Sproul	
Software Engineer @ Assoc Press	Work: 609-860-7120
msproul@ap.org	Fax: 609-860-7129

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From bounce-aprsnews-839@lists.tapr.org Sun Jun 27 19:12:03 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id TAA08581
for <lyris.aprsnews@tapr.org>; Sun, 27 Jun 1999 19:12:01 -0500 (CDT)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Message-Id: <LYR839-27766-1999.06.27-19.18.52--
lyris.aprsnews@lists.tapr.org>
Date: Sun, 27 Jun 1999 16:48:28 -0500
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: Greg Jones <wd5ivd@tapr.org>
Subject: [aprsnews] TAPR TDD Score Calculator and Submission
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <[v04020a00b39c4b62cc9b@\[192.168.0.2\]](mailto:v04020a00b39c4b62cc9b@[192.168.0.2])>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

I think Guy already annouced this, but we have an on-line score calculator
and submission system in place at <http://www.tapr.org/tapr/html/Ftdfd.html>

Just select submit score, entrer your numbers and the system tells you what
you scored and then you can mail that directly to John.

Cheers - Greg

Greg Jones, WD5IVD Austin, Texas
wd5ivd@tapr.org <http://www.tapr.org/~wd5ivd>

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From bounce-aprsnews-839@lists.tapr.org Mon Jun 28 09:43:38 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id JAA12624
for <lyris.aprsnews@tapr.org>; Mon, 28 Jun 1999 09:43:37 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 28 Jun 1999 10:31:30 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] Gapfiller WIDE Digis
Message-ID: <LYR839-27827-1999.06.28-09.48.30--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GSO.4.05L.9906281025250.12341-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Its time to think of better tweaks to our growing network. I am asking Kantronics to consider the following. If you can think of improvements let us know: (At start of FD, I noticed a multiplication of dupes as some people installed temporary WIDE digipeaters to link to their FD site).

PROBLEM: Often people will put up temp or permanent digis to fill in a small gap, or let them operate HT in a shadowed area. This is fine if they only use the alias of RELAY. But as a RELAY, then they work fine for outgoing packets, but do nothing for incoming ones. Thus, there is a temptation to make them a WIDE. This causes MANY,MANY dupes for traffic passing through the area.

SOLUTION: Solution is to add a command called something like "FILL-DIGI" to the digipeater TNC. If FILL-DIGI is set to ON, then this digi will ONLY digipeat a packet if it is the FIRST or the LAST digipeater in a string. This way the digi works as intended, bringing traffic into and out of a hidden area, while not adding duplicate DUPES to long

haul traffic passing through.

Its not a perfect solution, but it shouuld help. Where it doesnt help is when say someone is just using the default of WIDE5-5 for example but the user in the valley is only 3 hops away. Then the packet will arrive at the FILL-DIGI as WIDE5-2 and NOT be digipeated, because it is not last.

But hey, we cant fix everything.
Think about it...

bob, WB4APR

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From bounce-aprsnews-839@lists.tapr.org Mon Jun 28 09:43:56 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id JAA12648
for <lyris.aprsnews@tapr.org>; Mon, 28 Jun 1999 09:43:54 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 28 Jun 1999 10:25:20 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] DIGI Prob with LTexts
Message-ID: <LYR839-27828-1999.06.28-09.49.19--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.9906281014390.12341-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

While looking at FD HISTORY logs, I noticed something needing fixing:

* I noticed some digipeaters taking advantage of multiple LText strings

to announce many lines of info about their digipeaters. While compiling logs from FD, I find that my logs were FULL of duplicate digipeater BTexts because APRS saves all "new" positions to the history log. "new" in this case, means "different" from the last position. By having alternating LTexts from Digipeaters causes everyone's history logs to fill up with useless DIGI brag texts.

Solutions:

- 1) Dont do that
- 2) Change APRS to only consider the "position" part of a Position packet in the determination of whether it is new or not.

I strongly prefer #1. #2 would mean that a lot of good info, would be lost, such as when a station changes his ICON, or comment text. This stuff is important for the log.

OPINION: Digipeaters should only have ONE LText (or BText), or if you want to set up multiple routes, the LText's MUST BE IDENTICAL.

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From bounce-aprsnews-839@lists.tapr.org Tue Jun 29 12:03:27 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id MAA09313
for <lyris.aprsnews@tapr.org>; Tue, 29 Jun 1999 12:03:26 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Tue, 29 Jun 1999 13:00:26 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] APRSdos 841
Message-ID: <LYR839-27964-1999.06.29-12.10.15--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>

X-Message-Id: <Pine.GS0.4.05L.9906291255120.19027-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Finally got around to some fixes.. The new APRS841.zip is now posted.

- 1) Fixes the bug that would not capture posits from Igated stations
- 2) Cleaned up many PROMPTS that were line wrapping
- 3) Fixed the duplicate letter added to the posits of OBJECTS
- 4) Fixed configuration for dual ports so it asks for TNC data too
- 5) Fixed TZ=XXXX so that it considered Daylight Savings Time

This required me to change the way APRS does daylight time. From now on, you set your UTC offset to the same value all year. Then you change DST by toggling the alt-S-OTHER-DST command.

AMAX841.zip is also posted.

de WB4APR, Bob

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From bounce-aprsnews-839@lists.tapr.org Wed Jun 30 14:29:59 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id OAA07408
for <lyris.aprsnews@tapr.org>; Wed, 30 Jun 1999 14:29:58 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 30 Jun 1999 15:16:30 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] APRS Events Calendar July
Message-ID: <LYR839-28113-1999.06.30-14.36.53--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.9906301511440.12296-1000000@arctic>

Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Here is an updated brief summary of upcoming communication/tracking events. Please let us know of any events that others might find interesting even if local. We can still watch from afar via <http://www.aprs.net>

2 Jul to 5 Jul Circus Train Baraboo to Milwaukee WI SSB on 40, 20, 15.
3 Jul & 4th Vancouver Isl Challenge Boat Race around Vancouver Isl
4 Jul Orange Cty Fireworks barge 3330N/11745W track it enroute
10 Jul & 11th Seattle to Portland Bike Rally
11 Jul 1800 UTC APRS talk in South Africa via Landline/ voice nets
11 Jul Boise High Altitude Balloon Experiment
20 Jul STS-93 SAREX with packet (APRS?)
21 Jul NASA Goddard ARC meeting on APRS Mic-Encoders and Mic-Lite.
24 Jul MS-150 Everett to Seattle
?? Aug SIMSAT Launch. APRS Balloon in Wash DC area
6 Oct to 10 Oct Big Bear to Mamouth Mtn 365 mi Bike race in So CALIF

de WB4APR, Bob

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From bounce-aprsnews-839@lists.tapr.org Wed Jun 30 14:30:21 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id OAA07434
for <lyris.aprsnews@tapr.org>; Wed, 30 Jun 1999 14:30:18 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 30 Jun 1999 15:05:49 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] Gapfiller WIDE Digis (Rev-1)
Message-ID: <LYR839-28115-1999.06.30-14.37.18--
lyris.aprsnews@tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>

X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.9906291003050.27728-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Improvement! Hiroto, JJ1LYU suggested an improvement to the idea:

He suggests that in FILL-DIGI mode, that the digi do the following:

- 1) Digi all packets if it is the first digipeater
- 2) Digi all other qualified packets ONCE after striping off all remaining hops in the digipeater string.

Thus, these "fill-digis" will get packets out of a shadow and back in, but will not add long distance QRM to packets passing through! Now to get the TNC Mfrs to add it to their code..

de WB4APR, Bob

Copy of original proposal:

PROBLEM: Often people will put up temp or permanent digis to fill in a small gap, or let them operate HT in a shadowed area. This is fine if they only use the alias of RELAY. But as a RELAY, then they work fine for outgoing packets, but do nothing for incoming ones. Thus, there is a temptation to make them a WIDE. This causes MANY,MANY dupes for traffic passing through the area.

SOLUTION: Solution is to add a command called something like "FILL-DIGI" to the digipeater TNC. If FILL-DIGI is set to ON, then this digi will ONLY digipeat a packet if it is the FIRST or the LAST digipeater in a string. This way the digi works as intended, bringing traffic into and out of a hidden area, while not adding duplicate DUPES to long haul traffic passing through.

Its not a perfect solution, but it shouuld help. Where it doesnt help is when say someone is just using the default of WIDE5-5 for example but the user in the valley is only 3 hops away. Then the packet will arrive at the FILL-DIGI as WIDE5-2 and NOT be digipeated, because it is not last.

But hey, we cant fix everything.
Think about it... Any better ideas?

bob, WB4APR

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From bounce-aprsnews-839@lists.tappr.org Thu Jul 1 12:32:54 1999
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.10) with SMTP id MAA24698
for <lyris.aprsnews@tappr.org>; Thu, 1 Jul 1999 12:32:48 -0500 (CDT)
Date: Thu, 01 Jul 1999 13:23:47 -0400
From: Mark Sproul <msproul@ap.org>
Subject: [aprsnews] Xaprs alpha version released
X-Sender: msproul@apmail.ap.org
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Message-id: <LYR839-28252-1999.07.01-12.39.50--
lyris.aprsnews#tappr.org@lists.tappr.org>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <v03110705b3a153aa1da9@[165.1.27.20]>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

I have placed a TAR file for Xaprs up on

<ftp://aprs.rutgers.edu/pub/hamradio/APRS/Xaprs/>

It is in TAR format, this is the frist time I have created a TAR file, so
PLEASE let me know if it works.

It is a 9 meg file, it has several maps but not a lot. You can add
stardard WinAPRS maps to the MAPS directory. Currently the libraries are
statically linked, this makes it larger than it needs to be.

It requires LesTif

X-APRS version 0.0.1 ALPHA June 30, 1999

The following items are working

WinAPRS format maps

TCP/IP connection to APRServe

List Windows HOWEVER, these open up as small windows and must be enlarged manually

Airport display

Zipcode display

CAP grids

Click and drag with the RIGHT mouse button to zoom

+/- key for zoom in/out

NOT WORKING

No Icons

No serial I/O

No double clicking

No Dos maps

No Image support

Please do not report things that are not working, there are LOTS of things not finished yet

What I need to know

Does it work under RedHat Linux 6.0

Does it work under Other PC-unix flavors such as FREE-BSD

If it crashes

Mark Sproul	
Software Engineer @ Assoc Press	Work: 609-860-7120
msproul@ap.org	Fax: 609-860-7129

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id OAA27977
for <lyris.aprsnews@tapr.org>; Thu, 1 Jul 1999 14:24:16 -0500 (CDT)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Message-Id: <LYR839-28292-1999.07.01-14.31.16--
lyris.aprsnews@tapr.org@lists.tapr.org>
Date: Thu, 1 Jul 1999 14:00:26 -0500
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: Greg Jones <wd5ivd@tapr.org>
Subject: [aprsnews] 1999 ARRL and TAPR Digital Communications Conference
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <v04020a08b3a16b15b7a9@[192.168.0.12]>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

1999 ARRL and TAPR Digital Communications Conference
September 24-26, 1999
Phoenix, Arizona

Web: <http://www.tapr.org/dcc>

It's that time again! Time to start making your travel plans and thinking about what to publish for the upcoming 18th Annual ARRL and TAPR Digital Communications Conference.

The 1999 ARRL and TAPR Digital Communications Conference will be held September 24-26, 1999 in Phoenix, Arizona. This year's conference location is just minutes away from the Phoenix Sky Harbor International Airport (PHX).

For full details on the conference, refer to the web page listed above.

Tucson Amateur Packet Radio
8987-309 E. Tanque Verde Road #337
Tucson, AZ 85749-9399.
phone 940-383-0000, fax 940-566-2544
e-mail tapr@tapr.org, browse <http://www.tapr.org>

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Get those HT's out! ANOTHER FM repeater Satellite! (With potential Mic-E APRS posit/status reporting (with voice only)).

Remember, you must start 10 KHz high at start of pass and end 10 Khz low

at end of pass on the uplink. Downlink should be OK on 145.825 all the pass.

de WB4APR, Bob

----- Forwarded message -----

Date: Sat, 03 Jul 1999 00:10:15 +0300

From: Hans <hans@intekom.co.za>

To: amsat-bb@AMSAT.Org, Garth Milne <matlab@mweb.co.za>

Subject: [amsat-bb] SUNSAT MOBE B THIS SUNDAY

SUNSAT will operate in mode B this weekend while over the US and Europe.
The times are as follows:

USA

Date	AOS	LOS	Duration
07-04-99	17:40:28	17:58:24 00:	17:56
07-04-99	19:19:58	19:37:07 00:	17:09

Europe

07-04-99	11:03:17	11:20:22 00:	17:05
07-04-99	12:44:11	12:59:28 00:	15:17

Operation will be in FM repeater mode

Uplink 436,291

Downlink 145,825

Mode: FM repeater

Comments and reception reports are invited and should be addressed to
SUNSAT at the following Email: sarlnews@intekom.co.za.

We are particularly interested at the power level and antennas used. It
should be possible to receive signals on a handy talkie.

A commemorative QSL will be available soon.

Have fun

73

Hans ZS5AKV

Via the amsat-bb mailing list at AMSAT.ORG courtesy of AMSAT-NA.
To unsubscribe, send "unsubscribe amsat-bb" to Majordomo@amsat.org

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From bounce-aprsnews-839@lists.tapr.org Thu Jul 8 09:22:18 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id JAA11592
for <lyris.aprsnews@tapr.org>; Thu, 8 Jul 1999 09:22:15 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Thu, 8 Jul 1999 10:15:39 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] MESSAGE Groups
Message-ID: <LYR839-29164-1999.07.08-09.29.34--
lyris.aprsnews@tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.9907081003290.20463-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Suggestion: In addition to the default Message Groups of ALL, CQ, QST
and any others you may have, add your local ARRL Section or club.

Rationale:

Now that there are a half dozen THD7's in our local area, most of the
users try to send messages back home while they are on travel. On Monday
morning repeaters I hear comments like: "I sent you a message from
Ohare". "Oh, Sorry I was not on on Saturday" Or, "No, I didnt see you
there because I was zoomed in on Maryland"...

If the objective in many cases is just to report your wanderings back to
your local "APRS group", then rather than trying to send a message from
the THd7 Keyboard to each of them, just send it to a common GROUP call for
your area. Seems like the ARRL section might be such a local identifier.
Or maybe your ham club. In our case AARC.

You wont get an ack, since it is a group message, but it stands a much
bigger chance of being read by someone who cares....

DOS Note: Before you enter INPUT-MY-MSG-GROUP, take a look at your existing groups on the READ page since you will have to re-enter the entire list to make an addition. Always include DOS so I can send you urgent fix notices... For DOS, the defaults are ALL, CQ, QST, DOS.

de WB4APR, Bob

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From bounce-aprsnews-839@lists.tapr.org Thu Jul 8 11:58:44 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id LAA16375
for <lyris.aprsnews@tapr.org>; Thu, 8 Jul 1999 11:58:43 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Thu, 8 Jul 1999 12:09:17 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] Re: MESSAGE Groups
In-Reply-To: <LYR1106-29164-1999.07.08-09.29.34--BRUNINGA#NADN.NAVY.MIL@lists.tapr.org>
Message-ID: <LYR839-29180-1999.07.08-12.06.01--lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.9907081207080.20463-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

OOPS: For this to work, the local IGate in your home area must also have the same MESSAGE GROUPS list so that it will pass the message back to RF. Thus IGates need to have a list of all local MESSAGE GROUPS. This should be easy to do...

On Thu, 8 Jul 1999, Bob Bruninga wrote:

> Suggestion: In addition to the default Message Groups of ALL, CQ, QST
> and any others you may have, add your local ARRL Section or club.
>
> Rationale:
> Now that there are a half dozen THD7's in our local area, most of the
> users try to send messages back home while they are on travel. On Monday
> morning repeaters I hear comments like: "I sent you a message from
> Ohare". "Oh, Sorry I was not on on Saturday" Or, "No, I didnt see you
> there because I was zoomed in on Maryland"...
>
> If the objective in many cases is just to report your wanderings back to
> your local "APRS group", then rather than trying to send a message from
> the THd7 Keyboard to each of them, just send it to a common GROUP call for
> your area. Seems like the ARRL section might be such a local identifier.
> Or maybe your ham club. In our case AARC.
>
> You wont get an ack, since it is a group message, but it stands a much
> bigger chance of being read by someone who cares....
>
> DOS Note: Before you enter INPUT-MY-MSG-GROUP, take a look at your
> existing groups on the READ page since you will have to re-enter the
> entire list to make an addition. Always include DOS so I can send you
> urgent fix notices... For DOS, the defaults are ALL, CQ, QST, DOS.
>
> de WB4APR, Bob
>
>
>
> ---
> You are currently subscribed to aprsnews as: BRUNINGA@NADN.NAVY.MIL
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>
>

APRSDos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org
US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: <http://web.usna.navy.mil/~bruninga/dayton.html>
See Maryland APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
See GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

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From bounce-aprsnews-839@lists.tappr.org Fri Jul 9 07:47:19 1999
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.10) with SMTP id HAA01794
for <lyris.aprsnews@tappr.org>; Fri, 9 Jul 1999 07:47:15 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Thu, 8 Jul 1999 18:01:17 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Subject: [aprsnews] APRSdos 842
Message-ID: <LYR839-29382-1999.07.09-07.54.34--
lyris.aprsnews#tappr.org@lists.tappr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <Pine.GS0.4.05L.9907081748080.19135-100000@arctic>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

Several recent versions of APRS dos have improved the general data files supporting the MAPS-OVERLAY command. Now the data is automatically found in files associated with the 5 major map distros. Thus you have access to this data:

MAPS-OVERLAY-DIGIS or GATES
MAPS-OVERLAY-RADIO SHACKS
MAPS-OVERLAY-CRASHES (all CAP recorded aircraft wreckages
MAPS-OVERLAY-WX (plots all NWR radio sites)
MAPS-OVERLAY-NWS (plots all NWS sites
MAPS-OVERLAY-ZIPS (shows all zip codes (if you have loaded ZIPpos.zip

All of the supporting files are in the MAP distros, but so that you dont have to download each one, I have zipped up all the OVERLAY.POS files in one distro on TAPR called APRSpos.zip. Just pkunzip -d and you got em all.

APRS842 adds a growing list of VOICE repeaters to the overlay capability. So far we have VOICE repeater overlays in the NW, EAS and SE distros. Here is an opportunity for a volunteer in the the W, CEN, MID, SOUTH,EAS and SE areas.

ALSO, there is a file called ZIPpos.zip which contains all the OVERLAY.POS files for the MAPS-OVERLAY-ZIPcodes command.

NOTE TO OTHER MAPMAKERS! If you want all of the MAP-OVERLAY commands to work while users are in your MAPLIST, then you should copy my files for your area with a new name ending in .XXX that matches your .XXX distro. for example, For the Maryland MAP distro, .MD, I must copy all of the POS*.EAS files to POS*.MD. If you want to save room, you can go though the new POS*.xxx files for your area and edit out all the entries that are not on your maps.

de WB4APR, BOB

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From bounce-aprsnews-839@lists.tapr.org Fri Jul 9 07:48:18 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id HAA01851
for <lyris.aprsnews@tapr.org>; Fri, 9 Jul 1999 07:48:17 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Thu, 8 Jul 1999 18:38:36 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: TAPR APRS Special Interest Group <aprssig@tapr.org>, aprsnews@tapr.org
Subject: [aprsnews] Re: [aprssig] APRSdos 842
In-Reply-To: <4.1.19990708151941.00b421e0@theworks.com>
Message-ID: <LYR839-29385-1999.07.09-07.55.36--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GSO.4.05L.9907081836320.21269-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

On Thu, 8 Jul 1999, Byron Smith wrote:

> So what really got "fixed" or added to 842?

> >APRS842 adds a growing list of VOICE repeaters to the overlay
> >capability.

Thats all it does. SO I would not upgrade if you have something relatively recent.

Bob

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id HAA01864
for <lyris.aprsnews@tapr.org>; Fri, 9 Jul 1999 07:48:40 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Thu, 8 Jul 1999 22:46:48 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] APRSdos erratta
Message-ID: <LYR839-29388-1999.07.09-07.56.01--
lyris.aprsnews@tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.9907082245080.28872-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

If you download the APRSpos.zip file, you should be in the APRS\POS directory before you unzip it. I forgot to zip it with the sub directory included. I will fix tomorrow...

bob

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From bounce-aprsnews-839@lists.tappr.org Tue Jul 13 21:06:06 1999
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.10) with SMTP id VAA22054
for <lyris.aprsnews@tappr.org>; Tue, 13 Jul 1999 21:06:02 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Tue, 13 Jul 1999 21:06:33 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Subject: [aprsnews] DOS maps NWmaps24.zip
Message-ID: <LYR839-29993-1999.07.13-21.13.35--
lyris.aprsnews#tappr.org@lists.tappr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tappr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <Pine.GSO.4.05L.9907132101550.17593-100000@arctic>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

If anyone recently downloaded NWmaps23.zip thinnking they were getting the latest, they didnt. I just found that the one on TAPR was not the latest, so I uploaded the real latest as NWmaps24.zip

Just hit the DOS MAPS command to see what you have. Or in APRS, hit the MAPS-CONFIG-DISTROS command...

Only difference to the original NWmaps23.zip is the addition of the VOICE.NW file which will overlay all voice repeaters using the MAPS-OVERLAY-VOICE command in the NW region.

If you separately downloaded APRSpos.zip you dont need this NWmaps24 upgrade since the APRSpos has all the latest VOICE.XX files in it.

Sorry for the confusion...

bob

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From bounce-aprsnews-839@lists.tappr.org Wed Jul 14 08:26:32 1999
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.10) with SMTP id IAA22687
for <lyris.aprsnews@tappr.org>; Wed, 14 Jul 1999 08:26:32 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Tue, 13 Jul 1999 22:44:13 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Subject: [aprsnews] APRS Via MIR
Message-ID: <LYR839-30034-1999.07.14-08.34.09--
lyris.aprsnews#tappr.org@lists.tappr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tappr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <Pine.GS0.4.05L.9907132237400.20370-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

Only 2 weeks or so left of MIR on APRS or anything for that matter.
LOTS of if's, but in my opinion, if you havent tried a little APRS via
MIR, then it may be your last chance. MIR is coming up between 8PM to 5AM
local daylight time these days, but this moves 15 minutes earlier every
day...

I see only one or two people doing APRS per pass, and a few UI frames and
a few BBS users. REmember, I have been 100% successful with an 19 inch
whip on my THD7 HT on every pass I have tried, so it aint hard.

DIGI is R0MIR and freq is 145.985.

Do NOT send your very long WinAPRS position packet. Try putting it or
APRSDOS in SPACE mode. read APRS\README\SPACE if you are a DOS user..

GOod luck. Do not hog it. ALL you need to see is your position and or
status digipeated once, and then sit back and watch...

bob, WB4APR

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id IAA22685
for <lyris.aprsnews@tapr.org>; Wed, 14 Jul 1999 08:26:31 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 7 Jul 1999 14:39:20 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] APRS Events Calendar July (rev1)
Message-ID: <LYR839-30033-1999.07.14-08.34.02--
lyris.aprsnews@tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GSO.4.05L.9907071434450.18545-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Here is an updated brief summary of upcoming communication/tracking events. Please let us know of any events that others might find interesting even if local. We can still watch from afar via <http://www.aprs.net>

10 Jul & 11th Seattle to Portland Bike Rally
10 Jul 1400 UTC KNSP and HABITAT Balloon Launches Hutchinson, KS
11 Jul 1300 UTC SSOK Balloon Launch, Salina, KS
11 Jul 1800 UTC APRS talk in South Africa via Landline/ voice nets
11 Jul Boise High Altitude Balloon Experiment
15 Jul 1930 EDT WB4APR meeting demo for AARC, Davidsonville, MD
20 Jul STS-93 SAREX with packet (APRS?)
21 Jul NASA Goddard ARC meeting on APRS Mic-Encoders and Mic-Lite.
24 Jul MS-150 Everett to Seattle
24 Jul Salt Lake City Marathon and 10K
?? Aug SIMSAT Launch. APRS Balloon in Wash DC area
18 Sep & 19th MS-150 St Louis, MO
6 Oct to 10 Oct Big Bear to Mamouth Mtn 365 mi Bike race in So CALIF

de WB4APR, Bob

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From bounce-aprsnews-839@lists.tapr.org Sat Jul 17 11:35:55 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id LAA28244
for <lyris.aprsnews@tapr.org>; Sat, 17 Jul 1999 11:35:47 -0500 (CDT)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Message-Id: <LYR839-30458-1999.07.17-11.43.29--
lyris.aprsnews@tapr.org>
Date: Sat, 17 Jul 1999 01:16:13 -0500
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: Mike Musick <mcmusick@mail.anet-stl.com>
Subject: [aprsnews] pocketAPRS v0.39 Released
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <v04011701b3b5d00711aa@[209.145.180.91]>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

pocketAPRS beta v0.39 has been uploaded to the TAPR FTP library:

<ftp://ftp.tapr.org//aprssig/palmstuff/palmaprs/pcktaprs.zip>

IMPORTANT IMPORTANT IMPORTANT! The internal database formats have again changed, and you MUST delete all previous pocketAPRS databases (which includes maps) before loading and starting v0.39! Failure to do this WILL crash the Palm! (After reloading the application, you can reload the maps you already have. The map format has not changed.)

This time around there are several function and appearance changes, again in an effort to push it towards becoming "v1.0".

Map Window and Status Bar - First and most obvious is a change in the map window appearance and function. Gone is the "popup palette" of buttons that appeared when you tapped on the map screen. This has been replaced with a

full-time status and tool bar which occupies the bottom of the screen.

The status bar contains the controls formerly in the palette, and works differently: you select the action first and *then* tap the screen, backwards from what it used to be. This type of operation is known as "modal" (you operate in a "mode"), and should require half the effort to do the more common functions.

The controls are on the left side of the status bar, and appear in this order: zoom in, zoom out, default (1X) view, object select, add object, and "Here I am!". Tapping the default view control will redraw the screen, then return the function tool selection (such as zoom in) to where it was before restoring the default view. Object select does not work yet, and is the last remaining major item in the way of production release.

Aside from control changes, the status bar gave us the space for other important indicators: most recently heard station, digipeat not heard, GPS offline, and (YES!) a battery level indicator.

A fun addition to the status bar is that you can tap on the callsign appearing in the "most recently heard" space, and it will immediately go to the station info form for that call. A very quick shortcut for "who is that?".

Object Editing - new with v0.39 is complete object editing capability. Not only can you easily update your own manually-entered objects, you can "take control" and edit (or delete) objects originating from other stations, retransmitting the changed status to the network.

Object Transmit - previous to v0.39, manually-entered objects transmitted once and then never again. This now works as expected.

Object Expiration - this is a new feature to APRS programs. pocketAPRS objects can be set to "self-delete" after a specified period; the current default is 30 minutes, but is settable to other values on the object creation screen, and the value can be edited. As far as on-air function goes, the result is the same as if you broadcast an object in APRSdos, and then "killed" it manually. It is not removed from the station/object list until deleted manually.

Station List Functions - the popup commands that were new in v0.37 are improved in v0.39. Most noticable is that when you select a station (as opposed to an object), the "Edit" command becomes "Send Message", which then displays the send message dialog. "Locate", however, does not function yet.

Kenwood D7 - a number of users had commented about the "retry" problem when trying to run with the D7. With major help (thanks, Jonathan!) it was

discovered that the program was overrunning the D7's command processor pretty badly, so several timings were adjusted to bring this under control.

General Fixes - two major longstanding bugs of a "general crash" nature were discovered and swatted, and a number of other minor annoyances were fixed.

Help Files - the built-in help texts HAVE NOT been changed to reflect the new functions. These will be updated in the next release.

As mentioned above, the most significant item pending completion is object selection from the map screen. There are a few other things I'd like to get on the "done" checklist for v1.0, but the object selection is the biggest. I plan one more beta (...I've said that before...) that will be a genuine test release of every major feature planned for v1.0.

...mike/NOQBF

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From bounce-aprsnews-839@lists.tapr.org Sat Jul 17 11:36:02 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id LAA28264
for <lyris.aprsnews@tapr.org>; Sat, 17 Jul 1999 11:36:00 -0500 (CDT)
Message-ID: <LYR839-30459-1999.07.17-11.43.43--
lyris.aprsnews@tapr.org>
Date: Sat, 17 Jul 1999 12:29:05 -0400
From: Stan Horzempa <stanzepa@mail2.nai.net>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Accept-Language: en
MIME-Version: 1.0
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] QST TH-D7 Product Review
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <3790AF4E.5CA9BEBEC@ct2.nai.net>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

QST has granted me permission to distribute copies of my Kenwood TH-D7 product review that appears in August QST. The file is in Adobe Acrobat pdf format and is 255 kbytes. Email me at wa1lou@arrl.net and I will email a copy back to you.

Stan, WA1LOU

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From bounce-aprsnews-839@lists.tapr.org Sun Jul 18 10:24:10 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id KAA15285
for <lyris.aprsnews@tapr.org>; Sun, 18 Jul 1999 10:24:10 -0500 (CDT)
Message-ID: <LYR839-30532-1999.07.18-09.31.39--
lyris.aprsnews@tapr.org>
From: "Brent Hildebrand" <bhildebrand@earthlink.net>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] APRS+SA v1.99 "T" and SAREX
Date: Sat, 17 Jul 1999 19:47:30 -0700
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
X-Priority: 3
X-MSMail-Priority: Normal
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.3110.3
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <03a801bed0c7\$e269b3c0\$dd2dfea9@de11>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

APRS+SA v1.99 Beta "T"

In preparation for the upcoming SAREX flight, APRS+SA v1.99 "T" will decode the Grid Square in Status (GSS) packet. It will only look for 6 characters grids with or without an icon. The 4 element grid square is not supported by APRS+SA at this time. It supports Icons, assuming they are in the primary symbol table. When APRS+SA is in Grid-In-To mode, the transmitted status changes to the GSS packet. Posits are still in Grid-In-To format. The text

associated with GSS is the Posit text that the user has programmed.

Here is a sample output of APRS+SA in GSS mode:

KH2Z>DM14KA,WB6JAR-10*,WIDE:>DM14KAz APRS is "RAD"IO

Yes, it is a combination of Grid-In-To and GSS. But more importantly, it will decode this as a Posit. The program does not have to be in GSS mode to decode this packet. It looks as the first six characters. If characters [1 2 5 6] are in A-Z, and [3 4] are 0-9, then it automatically assumes it is a grid square, and decodes it as such. The program does have to be in GSS mode to transmit a status packet of this form, otherwise, it will transmit a standard status packet.

To install v1.99, you must first install v0.9.22, the current "official" release. Then copy the files of GPS199T.zip to your APRS+SA directory, and rerun Setup.exe.

Brent Hildebrand, KH2Z

APRS+SA <http://www.tapr.org/~kh2z/aprsplus>

APRS+SA v1.99 "T" <ftp://ftp.tapr.org/aprssiG/winstuff/aprsplus/GPS199T.zip>

p.s., I will be traveling next week, far from Email.

[]

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From bounce-aprsnews-839@lists.tapr.org Mon Jul 19 08:45:36 1999

Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])

by tapr.org (8.9.3/8.9.3/1.10) with SMTP id IAA03434

for <lyris.aprsnews@tapr.org>; Mon, 19 Jul 1999 08:45:34 -0500 (CDT)

X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs

Date: Mon, 19 Jul 1999 09:41:14 -0400 (EDT)

From: Bob Bruninga <bruninga@nadn.navy.mil>

X-Sender: bruninga@arctic

To: "APRS Announcements" <aprsnews@lists.tapr.org>

Subject: [aprsnews] SAREX and 145.79 No!

Message-ID: <LYR839-30636-1999.07.19-08.53.19--

lyris.aprsnews@tapr.org>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>

List-Software: Lyris Server version 3.0

List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.9907190939550.1592-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

On Mon, 19 Jul 1999, Cap Pennell wrote:

> The time has come! The reason we've QSY'd to 144.39 across the USA is
> upon us. The final SAREX shuttle mission, Launches TOMORROW and uses
> 145.800 as the downlink for ALL operations.

> we sure don't want APRSers to be accused of ... interference!

Please cease all 145.79 operations for the duration of this mission.
THIS is important since only a few packets disrupting SHUTTLE comms with
schools or other hams, no matter how insignificant, will undermine
the enormous effort we made in this historic QSY.

Good thinking CAP...

bob

-----End of Unsent Message

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From bounce-aprsnews-839@lists.tapr.org Mon Jul 19 18:10:47 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id SAA21400
for <lyris.aprsnews@tapr.org>; Mon, 19 Jul 1999 18:10:44 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 19 Jul 1999 17:53:56 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: amsat-bb@amsat.org, sarex@amsat.org
Subject: [aprsnews] SAREX APRS Packet?
Message-ID: <LYR839-30722-1999.07.19-18.18.39--
lyris.aprsnews@tapr.org@lists.tapr.org>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <Pine.GS0.4.05L.9907191713000.9767-100000@arctic>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

It is probable that SAREX will usually be in VOICE mode over the USA when the astronauts are awake, and hopefully be in PACKET mode when they sleep. Here is my (uninformed) guess based on the timeline of when you might expect to operate some PACKET under the above assumptions:

SLEEP: Astronauts are on the following sleep schedule:

JULY	20th 0436	UTC	Launch
	21st 0200	UTC	SAREX is unpacked and set up
	21st 1430-2230	UTC	First sleep period with SAREX
	22nd 1330-2130	UTC	Second sleep period with SAREX
	23rd 1230-2030	UTC	Third sleep period with SAREX
	24th 0430	UTC	Stow SAREX

Looking at the orbit, I draw the following approximate conclusions:

- * The crew is awake over the USA and S.Africa (expect Voice?)
- * The crew sleeps over S.America, C.Africa and India (Packet?)
- * The crew sleeps over early Australia passes (Packet?)
- * Spain and Italy will see some sleep time passes (Packet?)

So stations outside the USA may have good opportunities to play with the SAREX packet system and APRS. The above are very crude approximations. Expect anything at any time!

de WB4APR, Bob

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From bounce-aprsnews-839@lists.tappr.org Tue Jul 20 08:50:23 1999
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])

by tapr.org (8.9.3/8.9.3/1.10) with SMTP id IAA27121
for <lyris.aprsnews@tapr.org>; Tue, 20 Jul 1999 08:50:22 -0500 (CDT)
Message-Id: <LYR839-30817-1999.07.20-08.57.58--
lyris.aprsnews#tapr.org@lists.tapr.org>
X-Sender: plkilroy@pop700.gsfc.nasa.gov
Date: Tue, 20 Jul 1999 00:29:12 -0400
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: Pat Kilroy <pat.kilroy@gsfc.nasa.gov> (by way of Pat Kilroy
<pat.kilroy@gsfc.nasa.gov>)
Subject: [aprsnews] STS-93 SAREX Bulletin 1
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <3.0.5.32.19990720002912.008df590@pop700.gsfc.nasa.gov>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

SB SAREX @ AMSAT \$STS-93.001
STS-93 SAREX Bulletin 1: Columbia Ready

Silver Spring, Maryland USA
July 19, 1999 @ 2300 UTC

Columbia Ready for the Final SAREX Flight

Just a few hours before launch, operations continue on schedule for space shuttle Columbia on STS-93, the brief five-day mission on which the Chandra X-Ray Observatory will be deployed.

According to Reuters news service, Chandra, named for late Indian-born Nobel Laureate Subrahmanyan Chandrasekhar, known as Chandra to his friends, will study X-ray emissions from distant stars and galaxies that are largely undetectable from earth because of atmospheric distortion.

STS-93 is the 25th and final flight of the Space Amateur Radio EXperiment (SAREX) on the space shuttle. Amateur Radio in human space flight will continue the fine tradition set by the shuttle and space station Mir by soon boarding the International Space Station. This will take the form of the multinational Amateur Radio on the International Space Station (ARISS).

As in previous SAREX missions, crew members will take turns making

scheduled 2-way radio contacts with schools, random radio contacts with Amateur Radio operators, and a few personal contacts with their families.

Five schools are scheduled to talk with the astronauts using ham radio frequencies and the volunteer-based AMSAT Telebridge Network. The primary goal of the SAREX and ARISS programs is to excite the students' interest in science, technology, mathematics and the U.S. and international space program.

To find out when Columbia will be in your radio range, a satellite tracking program for your personal computer can be obtained from the AMSAT web site at <http://www.amsat.org/amsat/ftpsoft.html#pc-trk> or other sources, or watch for SAREX Rise/Set times in coming SAREX bulletins.

Here is a pre-launch set of the estimated orbital elements from Gil Carman, WA5NOM, that describes the orbit during the time period when the school contacts and most of the amateur radio operations are to take place:

STS-093

```
1 99093U      99202.11969685 .00195261 00000-0 45118-3 0 39
2 99093 28.4716 190.1407 0001364 70.2068 289.8869 15.95498675 165
```

Satellite: STS-093

Catalog number: 99093

Epoch time: 99202.11969685 = (21-Jul-1999 02:52:21.808 UTC)

Element set: 003

Inclination: 28.4716 deg

RA of node: 190.1407 deg Space Shuttle Flight STS-093

Eccentricity: .0001364 Prelaunch element set JSC-003

Arg of perigee: 70.2068 deg Launch: 20-Jul-1999 04:36:00 UTC

Mean anomaly: 289.8869 deg

Mean motion: 15.95498675 rev/day Gil Carman

Decay rate: 1.95261e-03 rev/day^2 NASA Johnson Space Center

Epoch rev: 16

Checksum: 346

Deorbit: 25-Jul-1999 02:31 UTC (orbit 79) MET 04/21:55

Landing: 25-Jul-1999 03:23 UTC (orbit 80) MET 04/22:47

Introducing the crew of Columbia on STS-93:

Commander (CDR) Eileen Collins, KD5EDS

Pilot (PLT) Jeffrey Ashby

Mission Specialist 1 (MS1) Cady Coleman, KC5ZTH

Mission Specialist 2 (MS2) Steven Hawley
Mission Specialist 3 (MS3) Michel Tognini, KD5EJZ

Frequencies in MHz (FM):

	Uplink	Downlink
Packet	144.49	145.80
European voice	144.49	145.80
Voice (except over Europe)	144.47	145.80
Voice (except over Europe)	144.45	145.80
School contacts	varies	145.80

Outside Europe, pick one of the two voice frequencies at random.

NOTES:

SAREX voice and packet radio operations will begin before the first school contact which occurs early in Flight Day 2.

Gil Carman, WA5NOM, says the crew has expressed a preference for voice mode over packet during the periods when they are awake, with the packet robot on only during sleep periods. All passes over the continental U.S. are during their awake shifts, and all sleep passes will be over Asia and South America. So, U.S. stations may have few packet opportunities on this flight.

Please listen on the downlink for the crew to call CQ. If the crewperson is in the middle of a QSO please wait until they are done.

Packet: Connect to W5RRR-1 and you will get a packet connect number from the robot mode. Please do this only once. Connecting multiple times only deprives others of a chance to participate.

Turn on monitoring to see who else is working the robot mode and to get status messages from the SAREX packet rig.

Please do not connect to other ground stations through the SAREX packet rig.

Timely and highly valuable information is being released by Bob Bruninga, WB4APR, on the anticipated SAREX packet radio operations and APRS opportunities. Watch for his posts to the sarex@amsat.org e-mail list
<<http://www.amsat.org/amsat/listserv/menu.html>> and various TAPR and APRS mail lists
<<http://www.tapr.org/tapr/html/sigf.html>>, and news in these SAREX bulletins <<http://sarex.gsfc.nasa.gov>>.

Bulletin updates will be released periodically through the mission.
You may also check <<http://garc.gsfc.nasa.gov/~kc6rol/sts93.html>>
for late braking news.

Submitted by Pat Kilroy, WD8LAQ, for Will Marchant, KC6ROL, and
the SAREX Working Group.

/EX

```
=====
Patrick L. Kilroy                                     HM
SSPP Hitchhiker I&T Lead Engineer   Phone: 301-286-1984
NASA/Goddard Space Flight Center   Fax: 301-286-1673
Building 5, Mail Code 568          E-mail: pat.kilroy@gsfc.nasa.gov
Greenbelt, Maryland 20771          Web: http://sspp.gsfc.nasa.gov
=====
```

Visit SimSat website at <http://simsat.gsfc.nasa.gov>

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id IAA21422
for <lyris.aprsnews@tapr.org>; Wed, 21 Jul 1999 08:02:49 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Tue, 20 Jul 1999 18:06:33 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] APRS via MIR
Message-ID: <LYR839-30949-1999.07.21-08.10.43--
lyris.aprsnews@tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0

List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.9907201744590.14785-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

The MIR APRS Bulletin is currently inviting APRS digipeating:

"BLN1: The MIR crew and MIREX team hopes you enjoy the R0MIR Digi"

Only a few weeks left. MIR is passing over the USA this week 7 times a day between about 1800 to 0300 in your local time zone. (earlier by 20 minutes each day).

Just set your APRS on 145.985 and your path to VIA R0MIR and join the fun!

My MIREX WEB page that maintains a list of the packets heard on the last 8 passes (as heard in Maryland) shows about a dozen or fewer stations playing with UI packets and only 2 or three are using APRS. So there is plenty of room.

Since MIR favors the northern USA (compared with SAREX which favors the south), now is a good time to experiment with APRS via satellite. It only takes 5 watts to a whip antenna to hit MIR. Kenwood THD7's will work as is...

MIR will be abandoned in a week or so (maybe??) so last chance...

de WB4APR, Bob

Following calls seen by my WEB page on 20 July passes (EDT):

<http://web.usna.navy.mil/~bruninga/mirex.html> <== link to "pass files"

1636 pass N3ZLL,NP2VX,N5UXQ,N4ZO,KD4YCS,V01KMS
2020 pass N5ZNL,K5WR,KA9OKT,N0JY-5,N5MML,WD9GWU,VA3HRA,VA3KA,N3ZLL
WA6YET,WB8ZHU,KC1YT
2157 PASS N4ZO,N5WD,KC5VIO,VE2IKO,KH2NC,VA3DRV-7,KA7HTC
2328 PASS N5UXQ,KD4YCS,KB2QLE,VA3DRW-7,KB2QLF
0107 PASS KH2NC,N0JY-5,KD4YCS,KB0GKN-10,N4WYK-7
0245 PASS N0JY-5,KC7SIK,KD4YCS,KH2HC,N4ZO,N5UXQ,KB0GKN,N9UYK
0417 PASS N0JY-5,N5UXQ

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From bounce-aprsnews-839@lists.tapr.org Wed Jul 21 15:40:19 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id PAA04116
for <lyris.aprsnews@tapr.org>; Wed, 21 Jul 1999 15:40:19 -0500 (CDT)
Message-ID: <LYR839-30997-1999.07.21-15.48.15--
lyris.aprsnews@tapr.org@lists.tapr.org>
From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] AMSAT Phase 3D DC Vibe Tour Sked!
Date: Wed, 21 Jul 1999 15:37:33 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <1B66FFC6BE1CD211A0620008C7A42AC273219F@mrdnexch01.ct.adc.com>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

AMSAT PHASE 3D DC VIBRATION TOUR SCHEDULE

The AMSAT P3D vibe schedule is changing fast because with all the HST and EOS-1 space hardware competing for time in environmental testing at GSFC, P3D is kind of riding on "stand by" right now.

You are invited to this evening's Goddard Amateur Radio Club (GARC) meeting starting at 5:30 p.m. at the WA3NAN club site. By 6:15 p.m. a group will break for the GSFC Building 7 vibration facility. Cameras and flashes are okay but attendance must be limited to *adult* U.S. citizens with legal picture ID. No RSVP is required under these conditions.

There are TWO additional tentative P3D "tour" opportunities. One is this Friday, July 23 at 3 p.m. and then again at 6 p.m. For the Friday tours, all should meet at the guard shack at the GSFC main gate on Greenbelt Road no later than 15 minutes before tour time.

Please note that all tour arrangements are tentative based on

a number of constraints, including critical P3D work such as attaching the solar panels and vibe table availability. P3D at this moment is in an acoustic chamber in queue for the vibration tables. Watch the AMSAT-DC e-mail list closely to check for last minute changes, otherwise you may show up and the tour date or time had changed! To subscribe to the AMSAT-DC list -- even for a just few days is okay -- go to <http://www.amsat.org/amsat/listserv/menu.html> and the Mailing List services link there. It's all automated so subscribing and unsubscribing is a snap!

DIRECTIONS

Talk-in is on 146.835 MHz FM WA3NAN/R.

Coordinates, lat/lon: DD MM SS.S DD MM SS.S

WA3NAN club station	N 38 59 57.2, W076 50 47.6
GSFC Main Gate	N 38 59 30.9, W076 51 08.5
GSFC Building 7	N 38 59 54.1, W076 50 59.6

Closest APRS digi is N3IYI (Bob) in Lanham, MD (3 miles away).

>From Washington, DC:

Take the Baltimore-Washington Parkway (Route 295) North to Greenbelt Road (Route 193). Take Greenbelt Road East for approximately two miles. The main gate guard shack is on the left at the first traffic light after Cipriano Road. Visitors to WA3NAN should continue on to the next traffic light and turn left onto Soil Conservation Road. The GARC facility is on the right (Gate 10) after the second traffic light. Can't miss WA3NAN club antenna farm.

>From Baltimore:

Take the Baltimore-Washington Parkway (Route 295) South to the Beltsville Agricultural Research Center. Exit at Powder Mill Road and follow the signs to the Goddard Visitor Center. WA3NAN is on the left (Gate 10) across from the large cleanroom building bearing the NASA "meatball" logo. For the GSFC main gate, continue past the turn for the Visitor Center to the next traffic light (Greenbelt Road). Turn right on Greenbelt Road, then turn right at the next traffic light to enter the main gate.

>From Virginia:

Take the Capitol Beltway. From either the inner or outer loop, exit to the Baltimore-Washington Parkway (Maryland Route 295) North. Then follow the directions "From Washington, D.C." above.

Other Info and Maps:

<http://pao.gsfc.nasa.gov/vc/info/info.htm>
<http://pao.gsfc.nasa.gov/vc/events/vc-cal.htm>
<http://pao.gsfc.nasa.gov/gsfc/welcome/gsfcmap/gsfcarea.htm>

Please re-read the info above about the contingencies that you may encounter in attempting a visit. Remember that the schedule can change in a moment's notice.

Other Links:

W3IWI PHOTOS <http://www.clark.net/pub/tac/p3d.htm> HOT ONES!
GARC STATION <http://garc.gsfc.nasa.gov/www/garc-home-page.html>

Before visiting to Greenbelt you may wish to visit the AMSAT Phase 3D web site at <http://www.amsat.org/amsat/sats/phase3d.html> to get the latest scoop to show the AMSAT team that you have been staying abreast of their very hard work. The team here includes Lou, Stan, Dick, Rick, Bob, Chuck & Jay. Please memorize their names, offer them your verbal support, and thank them madly.

Sincerely,

Pat WD8LAQ

At 05:50 PM 7/20/99 -0400, SCHULTZ@cddis.gsfc.nasa.gov wrote:
>Amsat's Phase 3D satellite is presently at NASA Goddard Space Flight
>Center in Greenbelt to undergo vibration testing. The satellite team
>from Florida has spent the past two days assembling the spacecraft
>into its final launch configuration to prepare it for the shake test.
>Prior to the shake test its fuel tanks will be filled with isopropal
>alcohol to simulate the mass of rocket fuel that will be carried on
>the actual launch.
>
>The test schedule is very uncertain, the team hopes to complete
>the test and be ready to ship everything back to Florida by this
>weekend, but other test activites at Goddard, most notably the
>preparations for October's Hubble Space Telescope service mission,
>may cause the schedule to slip into next week.
>
>If any local Amsat folks or other interested persons would like
>a chance to inspect Phase 3D in person while it is here, please
>contact myself (n8fgv@amsat.org) or Pat Kilroy (wd8laq@amsat.org),
>we will try to make arrangments to get you in to Goddard if
>possible. We do not presently have plans for a public open
>house event because of the short notice and the uncertainty of
>the testing schedule. If the satellite is in the test chamber
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>any updates to amsat-dc as we learn more about the schedule.

>
>I regret that because of Goddard security regulations, this
>offer is limited to persons who are US citizens only.
>
>Dan Schultz N8FGV

```
=====
Patrick L. Kilroy                                     WK
SSPP Hitchhiker I&T Lead Engineer   Phone:  301-286-1984
NASA Goddard Space Flight Center   Fax:    301-286-1673
Building 5, Mail Code 568           E-mail: pat.kilroy@gsfc.nasa.gov
Greenbelt, Maryland 20771           Web:    http://sspp.gsfc.nasa.gov
=====
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Visit SimSat at <http://simsat.gsfc.nasa.gov>

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From bounce-aprsnews-839@lists.tapr.org Thu Jul 22 09:12:25 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id JAA14204
for <lyris.aprsnews@tapr.org>; Thu, 22 Jul 1999 09:12:25 -0500 (CDT)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Message-Id: <LYR839-31095-1999.07.22-09.20.24--
lyris.aprsnews@tapr.org>
Date: Thu, 22 Jul 1999 09:04:58 -0400
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: Mike Musick <mcmusick@mail.anet-stl.com>
Subject: [aprsnews] pocketAPRS v0.40 Uploaded
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <v04011700b3bcc737a265@[209.145.180.173]>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

A bug with possible on-air consequences was discovered in v0.39 (my thanks to all of you who sent bug reports!), and it was important enough to force

a timely distribution of the fix.

Also, a couple of users reported "Fatal Error" problems related to putting too much text in certain fields, and those problems have also been fixed.

Download the new version from:

<ftp://ftp.tapir.org//aprssig/palmstuff/palmaprs/paprs040.zip>

If you've already loaded v0.39 on your Palm, you can just HotSync the new version right on top without deleting databases or maps, or otherwise affecting any settings. If you're still running v0.37 or earlier, a complete deleting of all databases and maps will need to be done.

...mike

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From bounce-aprsnews-839@lists.tapir.org Thu Jul 22 21:42:52 1999
Received: from lists.tapir.org (lists.tapir.org [204.17.217.24])
by tapir.org (8.9.3/8.9.3/1.10) with SMTP id VAA03872
for <lyris.aprsnews@tapir.org>; Thu, 22 Jul 1999 21:42:52 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Thu, 22 Jul 1999 22:10:50 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapir.org>
Subject: [aprsnews] APRS via MIR going well
Message-ID: <LYR839-31141-1999.07.22-21.50.51--
lyris.aprsnews@lists.tapir.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapir.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapir.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapir.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapir.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapir.org>
X-Message-Id: <Pine.GS0.4.05L.9907222152410.12321-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tapir.org
Precedence: bulk

Come join us. With only 3 weeks more of MIR ever (probably), Last night I shifted my APRS station over to 145.985 and have been seeing how many

stations I can pick up. SO far, with only 24 hours of monitoring, I have copied about 50 stations communicating via R0MIR with UI frames. About 16 or so are using APRS. Many are THD7's. Here are some highlights today:

- 1) Copied 3 posits from N8DEU-15 mobile and moving between Jackson and Meridian Mississippi over a 23 mile trip! (The black hole)
- 2) Copied KC5JGV-7 mobile in North Arkansas and moving north at 50 MPH
- 3) Copied yours truly mobile and moving between Annapolis and Baltimore
- 4) Pass just completed saw 5 more stations

This pass I uplinked the moving OBJECT (R0MIR) so that anyone monitoring would "SEE" MIR on their maps. If anyone else wants to do this, please do. About one successful uplink a minute would do nicely..

Don't be aggressive. Just put your station on 145.985 from about 5:30 PM local time to after Midnight over the USA and you will see lots of folks about every hour and a half. Once you hear a pass, look for the next one 92 minutes later.

APRSdos suggestions:

- 1) Start of pass, INPUT-MY-POS and INPUT-MY-STATUS to reset your timers
- 2) Be sure to have CONTROLS-FILTERS-OTHER to ON so you see not just APRS
- 3) You must set UNPROTO to R0MIR

At end of pass you will see everyone on the P-list (Most non-APRS stations will have 000/000 posits). The LIST-STATUS will show the last packet from everyone and the LIST-LOG will show ALL UI packets in sequence!

Do a FILE-SAVE-MIR so that you can reload the same file each night and keep accumulating more stations.

Do NOT expect an ACK. Once you see your packet digipeated, ERASE it. Send Bulletins mostly, since that is the only general packet that ALL THD7's can see that are not directly addressed to them.

See ya in 90 minutes...

de WB4APR, Bob

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From bounce-aprsnews-839@lists.tapr.org Fri Jul 23 10:18:37 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id KAA06798

for <lyris.aprsnews@tapr.org>; Fri, 23 Jul 1999 10:18:32 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Fri, 23 Jul 1999 11:11:22 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] SAREX Packet
Message-ID: <LYR839-31205-1999.07.23-10.26.33--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GSO.4.05L.9907231044450.12218-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

It is probable that SAREX will usually be in VOICE mode over the USA when the astronauts are awake, and hopefully be in PACKET mode when they sleep. Note that they sleep during Mid-Day (USA time), but their orbits are over the USA in the evening and night. Here is my (uninformed) guess based on the timeline of when you might expect to operate some PACKET under the above assumptions:

JULY	23rd 04xx	UTC	Launch
	24th 0200	UTC	SAREX is unpacked and set up
	24th 1430-2230	UTC	First sleep period (good packet chances)
	25th 1330-2130	UTC	Second sleep period (good packet chances)
	26th 1230-2030	UTC	Third sleep period (good packet chances)
	27th 0430	UTC	Stow SAREX

Looking at the orbit, I draw the following approximate conclusions:

- * The crew is awake over the USA (night time) (expect Voice?)
 - * The crew sleeps over S.America, C.Africa and India (Packet?)
 - * The crew sleeps over early Australia passes (Packet?)
 - * Spain and Italy will see some sleep time passes (Packet?)
- Northern Europe wont see the shuttle at all, but can monitor MIR.
for APRS UI packets.

So stations outside the USA may have good opportunities to play with the SAREX packet system and APRS. The above are very crude approximations. Expect anything at any time! All downlinks are on 145.800 MHz. Never transmit there.

Uplinks are: Packet(everywhere) 144.49 UP
Voice (USA) 144.45 and .47 UP
Voice (Europe) 144.49 UP

PACKET: APRS UI transmissions are encouraged. Either run APRS or use your TNC to send UI packets via W5RRR-1. (Manual users should begin each line with ">" so APRS stations will capture them). Do NOT attempt connections to any other station, it is very inneffecient and inconsiderate.. Communicate with everyone via UI packets only. While planning Demos, dont overlook the UI packets on MIR's downlink of 145.985 as well.

de WB4APR, Bob

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From bounce-aprsnews-839@lists.tapr.org Fri Jul 23 12:32:04 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id MAA10610
for <lyris.aprsnews@tapr.org>; Fri, 23 Jul 1999 12:32:04 -0500 (CDT)
Message-Id: <LYR839-31224-1999.07.23-12.40.06--
lyris.aprsnews@tapr.org>
X-Sender: plkilroy@pop700.gsfc.nasa.gov
X-Priority: 1 (Highest)
Date: Fri, 23 Jul 1999 12:33:36 -0400
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: Pat Kilroy <pat.kilroy@gsfc.nasa.gov>
Subject: [aprsnews] Re: AMSAT Phase 3D DC Vibe Tour Sked!
Cc: garc-bb@garc.gsfc.nasa.gov, aprsnews@lists.tapr.org,
aprssig@lists.tapr.org, simsat@listserv.gsfc.nasa.gov,
rlindquist@arrl.org, w4ri@arrl.org, fieldops@AMSAT.Org
In-Reply-To: <3.0.5.32.19990721160132.007f4610@pop700.gsfc.nasa.gov>
References: <990720175045.1648@CDDIS.GSFC.NASA.GOV>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
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X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <3.0.5.32.19990723123336.0084f7e0@pop700.gsfc.nasa.gov>

Sender: bounce-aprsnews-839@lists.tapir.org
Precedence: bulk

TO ALL IN AND NEAR THE DC AREA

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One at 3 p.m. and the other at 6 p.m. Visitors please be
sure to arrive several minutes early to sign in at the
guard desk at the Goddard main gate. We depart for the
Building 7 vibration facility promptly at the scheduled
time. Don't forget your camera!

Sincerely,

Pat WD8LAQ
AMSAT Area Coordinator
Washington, D.C. area

P.S. UPDATE: You can also subscribe to the AMSAT-DC list via
e-mail (in addition to via the web as mentioned earlier) as
well as to the ONCE-A-DAY-ONLY digest format. Send your
request to majordomo@amsat.org with subscribe amsat-dc-digest
on the first line of text in the body of your message.

At 04:01 PM 7/21/99 -0400, Pat Kilroy wrote:

>AMSAT PHASE 3D DC VIBRATION TOUR SCHEDULE

>

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><http://pao.gsfc.nasa.gov/vc/info/info.htm>

><http://pao.gsfc.nasa.gov/vc/events/vc-cal.htm>
><http://pao.gsfc.nasa.gov/gsfc/welcome/gsfcmap/gsfccarea.htm>
>
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>GARC STATION <http://garc.gsfc.nasa.gov/www/garc-home-page.html>
>
>Before visiting to Greenbelt you may wish to visit the AMSAT
>Phase 3D web site at <http://www.amsat.org/amsat/sats/phase3d.html>
>to get the latest scoop to show the AMSAT team that you have been
>staying abreast of their very hard work. The team here includes
>Lou, Stan, Dick, Rick, Bob, Chuck & Jay. Please memorize their
>names, offer them your verbal support, and thank them madly.
>
>Sincerely,
>
>Pat WD8LAQ
>
>
>At 05:50 PM 7/20/99 -0400, SCHULTZ@cddis.gsfc.nasa.gov wrote:
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>>

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>>
>>Dan Schultz N8FGV
>

```
=====
Patrick L. Kilroy                                     WK
SSPP Hitchhiker I&T Lead Engineer   Phone:  301-286-1984
NASA Goddard Space Flight Center   Fax:    301-286-1673
Building 5, Mail Code 568          E-mail:  pat.kilroy@gsfc.nasa.gov
Greenbelt, Maryland 20771          Web:    http://sspp.gsfc.nasa.gov
=====
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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id VAA13695
for <lyris.aprsnews@tapr.org>; Wed, 28 Jul 1999 21:40:48 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 28 Jul 1999 21:20:56 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: billmiller@sistersnet.com
Subject: [aprsnews] Oregon APRSdos map
Message-ID: <LYR839-31937-1999.07.28-21.49.05--
lyris.aprsnews@tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.9907282118430.11318-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

I just posted NWmaps26.zip which contains a new 32 mile map around Sisters Oregon commissioned by KJ7GQ who lives there....

ENjoy,
Bob, WB4APR

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by tappr.org (8.9.3/8.9.3/1.10) with SMTP id PAA27972
for <lyris.aprsnews@tappr.org>; Sun, 1 Aug 1999 15:35:59 -0500 (CDT)
Subject: [aprsnews] Re: Oregon APRSdos map
Date: Sun, 1 Aug 99 08:13:47 -1000
From: David Dobbins <ddobbins@localaccess.com>
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Message-Id: <LYR839-32500-1999.08.01-15.44.27--
lyris.aprsnews#tappr.org@lists.tappr.org>
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <18185811821240@Localaccess.com>
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Thanks Bob for the continuing support of APRS in our area. Next big event up here is the NWAPRS Summer Gathering at the VaLLLEY Camp in North Bend, east of Seattle, over the Sept. 9th weekend. We will have a 30M APRS Special Event Station, providing QST has it listed, with certificate.
Dave.

David S. Dobbins	Amateur Radio K7GPS
Pe Ell, Washington	NWAPRS Coordinator
360-291-3707	www.nwaprs.org

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Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.10) with SMTP id MAA19360
for <lyris.aprsnews@tappr.org>; Wed, 18 Aug 1999 12:13:30 -0500 (CDT)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
X-Sender: mcmusick@mail.anet-stl.com
Message-Id: <LYR839-34956-1999.08.18-12.22.40--
lyris.aprsnews#tappr.org@lists.tappr.org>
Date: Wed, 18 Aug 1999 11:40:26 -0400

To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: Mike Musick <mcmusick@anet-stl.com>
Subject: [aprsnews] pocketAPRS v0.98 Beta Released
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyrus Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <v04011700b3e083e0bbab@[209.145.180.137]>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

I thought I'd never see the day...

...the final pocketAPRS beta (v0.98) has been uploaded to the TAPR FTP library:

<ftp://ftp.tapr.org//aprssig/palmstuff/palmaprs/pcktaprs.zip>

It should not be necessary to "clean house" from v0.40 or v0.39. Just HotSync this program over existing one and everything should be copacetic. Versions earlier than v0.39 should have expired by now, but if you happen to have an old version sitting on your Palm, the application and all of the maps need to be deleted before loading v0.98 (and then reloading the maps).

Features added since v0.40:

- On-map object selection (BIG feature!).
- Phantom objects on first map draw fixed.
- Fixed station list page scrolling problem (hopefully...).
- Revise help texts to match current version.
- Killed objects are drawn with a big, obvious "X".
- "Locate" function from station list now works.

The plan at this point is to have everyone poke at this for two weeks while I shake-out the new manual coordinate entry interface. Unless there are really grievous bugs found, we'll call the next version "v1.0".

If your feature request isn't in there yet, rest assured that there are still a zillion things on the "gonna do" list that are forthcoming. But at this point the key application features are in place and the program seems moderately stable, so let's say that we've met the milestone.

After v1.0 is released, I am going to take a break, mostly to clear the calendar for our local MS-150 APRS effort. The priority on resuming work will be map creation and translation, with a direct terminal window shortly

thereafter.

Please let me know of any leftover bugs "real soon". I can't guarantee that all of them will be swatted for v1.0, but we'll take a healthy run at them.

Thanks to all... it's been a long and strange trip. :-)

...mike/N0QBF

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for <lyris.aprsnews@tapr.org>; Wed, 18 Aug 1999 18:29:45 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 18 Aug 1999 17:59:16 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: APRS+ <aprsplus@k8sn.org>, aprsnews@tapr.org, htaprs@tapr.org
Subject: [aprsnews] National Parks and Interstates
In-Reply-To: <01bc01becf5e\$e431d8a0\$dd2dfea9@dell>
Message-ID: <LYR839-34993-1999.08.18-18.39.00--
lyris.aprsnews@tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
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List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.9908181719000.20668-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Just returned from 2 week Camping trip through CO, AZ and UT and have some comments and 1000 Emails to go through...

1) Nothing heard on APRS west of Denver, Northern AZ, nor Southern Utah. Not complaining, its a big country, but I have a few ideas....

a) Grand Canyon averages 22,000 people a day. Statistics suggest that

100 or so are hams. There is a voice repeater there (if you look it up) but in 2 days, I only rounded up ONE QSO with a local who was 50 miles away...

b) Those 22,000 also go the days before or after to ZION, BRYCE, Mesa Verde and other large national campgrounds.. Big concentrations of HAM travelers in a few small spots...

c) We could get a lot of bang for the buck by having just one local DIGI in such areas of LARGE concentrations of APRS travelers...

2) In Flagstaff, there was a 10 second DGPS signal using the call of PK232>DGPS:....rtcm...data.... But NO digi, no network and no links

3) On top of Mesa Verde (SW CO) I got into the vast New Mexico APRS system, and it was a joy. This would be an EXCELLENT location for an APRS digi to cover all of the 4 corners area... (Travelers..)

4) I-70 West through Western Colorado is a MAJOR artery. It has the "colorado-connection" for voice, but should also have 3 similar APRS digis to cover that barren 300 miles... including Vail and Aspen...

5) UTAH has a voice network from Las-Vegas to Salt-lake and on into Idaho! Again, it would be simple to add 5 or 6 APRSdigis to cover the same 500 mile distance...

APRS is EASY, Transparent, passive and yet fully useful to travelers. I NEVER got into the UTAH or Colorado VOICE networks because I couldnt find the PL tones nor the right frequencies. APRS on the other hand is always 144.39, self identifying, and all users are *always on the air*. You dont have to keep calling CQ...

Yes, if I spent 10 minutes of every hour looking thorough the ARRL Repeater directory for voice repeaters and called on every one, I would have had communications... but with the family, I dont want to, nor have the time... APRS on the other hand is either there.... or not.... and if it is there, so also is everyone else...

P.S. I tried monitoring and calling on 146.52, but never heard a peep. This works ONLY for Dayton where 17,000 Hams are all on the road on the SAME day...

Note... These TRAVELRS APRS DIGIS cannot be supported by the lone locals... They may need help from the surrounding community... and may require a lot of politicing... But maybe everyone should think about how to fill in these areas. The CELLULAR community does EXACTLY that. They put Cells where concentrations of people are.

So....

- 1) The National Parks, Interstates and Airports are excellent targets.
- 2) Dont just think "local"... Think of travelers too

P.S. Denver AIrport was solid INDOORS with 1 watt and the HT...
(and all East of the rockies... :-))

The right demo of APRS to the right PARK officail with GPS for search and rescue might even get you funding! Imagine how much easier it is to put up an APRSdigi on a Park Visitors center than a VOICE repeater (that no one can find or no one is listening to...) Total cost of \$299?

Alinco 5W HT \$ 99
KPC-3 TNC \$139
Antenna/PS \$ 60?

de WB4APR, Bob

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by tapr.org (8.9.3/8.9.3/1.10) with SMTP id JAA07240
for <lyris.aprsnews@tapr.org>; Sun, 22 Aug 1999 09:42:03 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Sat, 21 Aug 1999 14:01:26 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: TAPR APRS Special Interest Group <aprssig@tapr.org>, htaprs@tapr.org,
aprsnews@tapr.org
Subject: [aprsnews] Re: [aprsplus] National Parks and Interstates
In-Reply-To: <19990819140419.32736.qmail@hotmail.com>
Message-ID: <LYR839-35534-1999.08.22-09.51.26--lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>

X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.9908211345360.16025-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

On Thu, 19 Aug 1999, Gordon Fuller WB6OVH wrote:

> ... we also just returned from a 7,000 + mile trip... running a
> Mic-E to a 2-meter rig at 10 watts. We also maintain a homepage
> with a link to aprs.map so our friends were able to follow us....
> I had the Mic-E set to transmit at about every 10 mins.

Hummh... If a tree falls in the woods... will anyone hear it?

This points out that *especially* in the wilderness beyond APRS digipeaters, we should be running 1 minute packets. At a "meeting" speed of over 2 miles a minute, 1 minute rate should guarantee a packet within two miles of each mobile. At a 2 minute or greater, rate, the 4 miles between mobiles may cause you to miss each other. After several years of mobiling to Dayton and track histories to prove it, I am convinced that mobile-to-mobile in East Coast terrain (no digipeaters) is useless beyond 5 miles and usually is only good at 2 miles or less...

So if you go out west, keep it going. Even with out digipeaters, APRS has the advantage of letting two strangers in the night see each other when passing...

While driving my 3000 miles along the interstates, and scenic byways and through the Campgrounds, I often wondered how many hams were within simplex range, but without APRS, had no way to know of the others presence... APRS should be the "channel-19" of HAM radio...
(the good part, only :-)

Set it and forget it... until you run into someone...

de WB4APR, Bob

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by tapr.org (8.9.3/8.9.3/1.10) with SMTP id MAA03937

for <lyris.aprsnews@tapr.org>; Mon, 23 Aug 1999 12:01:22 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 23 Aug 1999 12:45:54 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: TAPR APRS Special Interest Group <aprssig@tapr.org>, aprsnews@tapr.org
Subject: [aprsnews] Re: aprs/psk31
In-Reply-To: <37BC1FC7.26015B1@csi.com>
Message-ID: <LYR839-35742-1999.08.23-12.10.47--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=X-UNKNOWN
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.9908231126500.19279-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk
Content-Transfer-Encoding: 8bit
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On Thu, 19 Aug 1999, lgplush wrote:

> ††† Our PSK31 presentation to the Denver Radio Club went real well last
> night.† We are sure we will see many more psk31 users in the Denver area
> in the near future.† Bill, W6OAV, really knows his digital stuff as that
> is his profession so between the two of us, we will be glad to help you
> with psk31 aprs.

With the easy availability of PSK31 software, fantastic weak-signal, performance and public source code, I think that it is time to investigate APRS-Like applications on PSK31. Such as having an automatic link into APRServe. This way boaters could inject their posit/status much more reliably than on 300 baud packet.

If there are any APRS/PSK-31 affectionados, let me know and we can form an informal chat group...

I have a paper prepared discussing the potential and the difficulties.

de WB4APR, Bob

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by tapr.org (8.9.3/8.9.3/1.10) with SMTP id MAA29608
for <lyris.aprsnews@tapr.org>; Tue, 24 Aug 1999 12:48:45 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Tue, 24 Aug 1999 12:52:01 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: amsat-bb@amsat.org, sarex@amsat.org,
TAPR APRS Special Interest Group <aprssig@tapr.org>, aprsnews@tapr.org
Subject: [aprsnews] A016/LU19/I026 Renewed TRAKNET Interest
In-Reply-To: <Pine.SOL.3.96.980830135532.15956L-100000@arctic>
Message-ID: <LYR839-36020-1999.08.24-12.58.10--
lyris.aprsnews@tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GSO.4.05L.9908241209230.21136-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

With the loss of MIR as the only AX.25 digipeater in space for wilderness travelers and off-shore sailors to digipeat their Position/Status, there is renewed interest in using the A0-16, LU-19 and I0-26 1200 baud AX.25 digipeaters for brief UI packet reporting.

The transmit side is trivial (a \$3 mod to any TAPR-2 type TNC). Thus, anyone with a 5 watt or more mobile rig can report. All we have ever needed are a few automated UHF PSK downlink stations to digipeat these packets back into the worldwide APRServe distribution system.

There are several recent things making this application more viable:

- 1) The pending shut down of MIR digipeater
- 2) More interest worldwide in APRS UI position/status reporting
- 3) Steve Bible's work on a universal PIC manchester transmitter
- 4) A possible student project at my school to do the daily downlink tracking until we can automate it...
- 5) A surprise announcement (from an author) coming soon...

If you are already on the A016APRS@TAPR.ORG distribution list, good. If you want to join, then send the usual subscription message to
LISTSERV@TAPR.ORG

To learn more: <http://web.usna.navy.mil/~bruninga/traknet.html>

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id IAA23497
for <lyris.aprsnews@tapr.org>; Sat, 28 Aug 1999 08:21:42 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Fri, 27 Aug 1999 22:47:31 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: aprsnews@tapr.org
Subject: [aprsnews] THD7 Tactical MSG Abbreviations
Message-ID: <LYR839-36796-1999.08.28-08.31.27--
lyris.aprsnews@tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
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Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.9908272220330.14763-1000000@arctic>
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While doing APRS planning for our 10K Race I had an idea. Maybe it is so obvious, everyone is already doing it, but I just realized its power tonight...

Many HAMS will be using their THD7 as their HT as they assume their duties as "shadows" or other walking COMM assets. Often the voice channel is busy and often they may not hear a voice message addressed to them because they are distracted or whatever. Also, routine voice traffic for them may

have to wait many minutes before it can be passed on the VOICE nets.
Sooooo...

Why not send traffic TO them via the THD7 APRS message system as if it were a one-way PAGER! (Not expecting a "digital" reply). Their THD7 will receive it, alert them to the message, and it is available to be read when he gets to it.

Normally, a THD7 MESSAGE is the last thing such a VIP or COMMUNICATOR has time for (because normal APRS usually expects a digital reply). BUT... If we use this capability such that the THD7 user does NOT NEED to RESPOND via a THD7 KBRD MSG, then it can be very useful... If we had some general abbreviations agreed to before hand, then we could communicate quite effectively via this means at a local event. Here are some ideas for some abbreviations to be appended at the end of an APRS message:

blah	blah blah... VRO	VRO means Voice Reply OK
blah	blah blah... VRR	Voice Reply Required
blauh	blauh blauh.. ARR	APRS Reply Required (wont use much!)
blah	blah blah	NRR No response required

Also during such use, all APRS operators could "assume" that any time they get their own MESSAGE duplicated back to them from the remote THD7 receipient, that this "means" that that user has READ the message and is ACKNOWLEDGING its contents. With this assumption, this process can be completed by the THD7 user with only 3 key strokes. MSG OK OK.
If we do not make this assumption, then a "reply" takes Many, many keystrokes and is jsut too burdensome to be done in this kind of real-time tactical event.

Are there any other useful abbreviations that we could use to facilitate this kind of mostly one-way traffic delivery? (typically from the APRS operator at Net control to the THD7 users out walking the event). I do not want a big list of abbrevitions, but just a usable set that covers the need.

(I had Asked Kenwood to include a "single-key-RGR" human REPLY capability, but it just didnt make it into the design...)

Have any of you already explored this kind of operation and developed techniques? Please share it with us..

de WB4APR, Bob

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Date: Sun, 29 Aug 1999 11:41:54 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Subject: [aprsnews] Running Events
Message-ID: <LYR839-37015-1999.08.29-11.09.11--
lyris.aprsnews#tappr.org@lists.tappr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tappr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <Pine.GSO.4.05L.9908291132020.4561-100000@arctic>
Sender: bounce-aprsnews-839@lists.tappr.org
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Just completed another APRS 10K run using APRSdr to automatically move many of the runners around the course. By letting it Dead-Reckon the following Objects, that left the APRS GPS trackers to do the SAG vehicles etc. We let APRSdr predict-track-and transmit to everyone the following:

LEAD
Pack
Hdkpd (Lead Wheelchair)
Female
Juggler (one guy always juggles tennis balls the whole way)
Any other runners identifiable enough to mention.. (few)

We had trackers on TAIL, SAG1, SAG2 and SAG3. And THD7's and two Mic-Lites on HT-walking-shadows for VIP's.

Even though APRSdr is an APRSdos derivitave, remember, it is only seen by its operator. Everyone else whether it be Mac/Win/+SA/Pocket and THD7's will see these objects as if they were real... on their maps.

For more info, read DR.TXT included in all the APRS README files.

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From bounce-aprsnews-839@lists.tapr.org Sun Aug 29 18:07:53 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id SAA02283
for <lyris.aprsnews@tapr.org>; Sun, 29 Aug 1999 18:07:49 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Sun, 29 Aug 1999 12:02:12 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: TAPR APRS Special Interest Group <aprssig@tapr.org>, aprsnews@tapr.org
Subject: [aprsnews] Re: [aprssig] VICINITY DIGIS???
In-Reply-To: <LYR10461-36991-1999.08.29-09.28.12--bruninga@nadn.navy.mil@lists.tapr.org>
Message-ID: <LYR839-37100-1999.08.29-18.17.30--lyris.aprsnews@tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GSO.4.05L.9908291153510.4561-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

DIGI owners NOTE:

Lee has pointed out a problem.... DIGIS must only send out one-and-only-one POSIT packet. Some people are using the LT buffers in the KPC-3 to send out lots of BRAG info. This causes APRS problems as follows:

- 1) A station can have only one POSITION packet. If you send out alternating POSITION packets to get more BRAG stuff transmitted, then you will overflow everyone's TRACK HISTROY LOGS with every darn packet even though you are standing still. This is because APRS must log ALL "new" POSITS even if only the "text changes"...

- 2) If the DIGI puts out any other packets that are NOT position packets,

then it will be VICINITY tracked until it finally does send out a posit.
This causes other V/T stations to all appear at the already V/T posit. A
mess...

SUMMARY: DIGIS must only transmit one and only one POSIT packet. If you
want to set multiple packets at multiple rates and times, then the TEXT
must be identical...

de WB4APR, Bob

On Sun, 29 Aug 1999, Lee H. Dahlen
wrote:

> While I have never been a supporter of "vicinity Plotting" and still cannot
> find MUCH good with it. I have but ONE request.
>
> DIGI OWNERS!!!!!!! (Especially in NC,SC)
>
> Please set up your digis with a COMPLETE LAT/LON so that your digis will not
> "vicinity track" There is 2 digis in the Greensboro, and One in the
> Upstate of SC that pile on top of 14 other stations in my area on top of the
> Local digi (N4WYK-9) when I boot up APRS. (I'm afraid with all of that
> weight on top of it, the icon for the digi might fall off! <g>)
>
> Can't see with the current setup for digis the way they are how this happens
> but if you have the full LAT/LON in your setup maybe its a "Glitch" (oh no
> there's that word agn.) in the software??
>
> A "trick" for station owners To get the full L/L on APRS dos: when
> you put the cursor where you want it. Look in the upper left hand corner of
> screen and read the L/L there. If you leave off the seconds, you will V/T
> everytime. And as always If you are validated, remember to resave after
> entering your new coords.
>
>
> Thanks! Lee/KD4TQZ
>
>
> ---
> You are currently subscribed to aprssig as: bruninga@nadm.navy.mil
> To unsubscribe send a blank email to leave-aprssig-10461M@lists.tapr.org
>
>

APRSDos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org

US mail address: 115 old Farm Ct, Glen Burnie, MD 21060
See DAYTON97 HISTORY: <http://web.usna.navy.mil/~bruninga/dayton.html>
See Maryland APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
See GPS on ANY radio: <http://www.tapr.org/tapr/html/mic-e.html>

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From bounce-aprsnews-839@lists.tapr.org Sun Aug 29 18:09:07 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id SAA02312
for <lyris.aprsnews@tapr.org>; Sun, 29 Aug 1999 18:09:03 -0500 (CDT)
Message-ID: <LYR839-37103-1999.08.29-18.18.46--
lyris.aprsnews@tapr.org>
Date: Sun, 29 Aug 1999 16:36:37 -0400
From: John <johnk.mchugh@worldnet.att.net>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Accept-Language: en
MIME-Version: 1.0
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] APRS Weather Info from South and North Carolina Coast
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <37C999D5.705EF9C6@worldnet.att.net>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Hi,

In view of the proximity of Hurricane Dennis to the SC/NC coast I'm asking all APRS users with weather stations in the coastal areas to please send the data to us via e-mail or fax on an hourly basis. We got alot of very good wx reports from the Ham community as Dennis visited the Bahamas.

The reporting form is available at our web site. Please do not send data gathered from radio/TV stations, we have that thank you.

Thank you and let's hope it swings to the NE soon.

73,

John

--

John Mc Hugh, KU4GY

Coordinator for Amateur Radio

National Hurricane Center, W4EHW

Miami, Florida

Home Page: <http://www.fiu.edu/orgs/w4ehw/>

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From bounce-aprsnews-839@lists.tappr.org Sun Sep 5 16:59:08 1999
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.10) with SMTP id QAA03986
for <lyris.aprsnews@tappr.org>; Sun, 5 Sep 1999 16:59:05 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Sun, 5 Sep 1999 11:55:52 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tappr.org>
cc: aprsnews@tappr.org
Subject: [aprsnews] [ao16aprs] satgate ready to go (fwd)
Message-ID: <LYR839-38188-1999.09.05-17.09.09--
lyris.aprsnews@tappr.org@lists.tappr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <Pine.GSO.4.05L.9909051150390.5087-100000@arctic>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

Now that we have a Sat-Gate up for APRS on A016/L019, we need someone who is always mobile all over the country to track. With the retirement of W7LUS, who do we still have that is always traveling?

If they could swing by Annapolis, I might be able to loan out a Sat-Tracker.

----- Forwarded message -----
Date: Thu, 30 Sep 1999 04:36:08 -0400
From: Jeff Griffin <kb2wqm@cyberenet.net>

Good morning everyone. I'm done testing here, after tweaking the D/L frequencies control in WiSP I Worked all A0-16 and L0-19 passes on autopilot yesterday. My mobile station is now working. I also gated messages to the internet. Now I need to get a flavor of aprs running on a proxy server here. Then I will be ready to gate messages unattended.

Mobile is Yaesu 5100 50 watts with 4.5 dbi Diamond tri bander , TNC is a PacComm sat modem set, that does Manchester encoding out of the box. I was txing every ten seconds uplink 145.900, success rate was about 40% .

[So a 1 minute nominal rate should guarantee at least one posit per pass]

Base station is an 847 , 1 to 220 watts on 2m, AZ-EL computer controlled 435cx, 22c KLM's, with mast mounted Landweir preamps.
On two meters EIRP = 18 to 3,912. TNC is an AEA DSP 2232, which also does Manchester encoding out of the box. txing was randem , success rate 99% up and down....

I will be working on getting APRSPLUS or DOSAPRS running on my radio computer, on my network, then I will be ready to run as a satgate unattended.

73 Jeff kb2wqm

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To unsubscribe send a blank email to leave-ao16aprs-8620@lists.tappr.org

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To unsubscribe send a blank email to leave-aprsnews-839E@lists.tappr.org

From bounce-aprsnews-839@lists.tappr.org Sun Sep 19 08:37:21 1999
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.10) with SMTP id IAA07722
for <lyris.aprsnews@tappr.org>; Sun, 19 Sep 1999 08:37:17 -0500 (CDT)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Message-Id: <LYR839-40426-1999.09.19-08.47.56--
lyris.aprsnews#tappr.org@lists.tappr.org>
Date: Sat, 18 Sep 1999 14:40:46 -0500
To: "APRS Announcements" <aprsnews@lists.tappr.org>
From: Greg Jones <wd5ivd@tappr.org>
Subject: [aprsnews] DCC this coming Weekend in Phoenix
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <v04020a01b4099aa0f2f7@[192.168.0.2]>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

Don't forget that the 1999 ARRL and TAPR Digital Communications Conference

is being held this next week Sept 24-26 in Phoenix, AZ.

For more details visit: <http://www.tapr.org/dcc>

The tentative schedule and proceedings abstracts are now available on the conference page.

Look forward to seeing you at this year's DCC.

Cheers - Greg Jones, WD5IVD

Greg Jones, WD5IVD

President TAPR (<http://www.tapr.org>)

PhD Candidate, Instructional Technology, UT Austin

email: wd5ivd@tapr.org

web: <http://www.tapr.org/~wd5ivd>

Experience is what you get when you were expecting something else.

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From bounce-aprsnews-839@lists.tapr.org Tue Sep 21 14:58:46 1999

Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])

by tapr.org (8.9.3/8.9.3/1.10) with SMTP id OAA13652

for <lyris.aprsnews@tapr.org>; Tue, 21 Sep 1999 14:58:45 -0500 (CDT)

X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs

Date: Tue, 21 Sep 1999 15:16:15 -0400 (EDT)

From: Bob Bruninga <bruninga@nadn.navy.mil>

X-Sender: bruninga@arctic

To: "APRS Announcements" <aprsnews@lists.tapr.org>

cc: aprsnews@tapr.org

Subject: [aprsnews] IO-26 joins APRS!

Message-ID: <LYR839-40899-1999.09.21-15.04.38--

lyris.aprsnews@tapr.org>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>

List-Software: Lyris Server version 3.0

List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>

List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>

X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>

Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <Pine.GS0.4.05L.9909211514470.12329-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

We now have three "APRS" satellites!

----- Forwarded message -----
From: Alberto E. Zagni
To: amsat-bb@AMSAT.Org

ITAMSAT IO-26 status 21/9/99

Nearing it's 6th year in orbit (IO-26 was launched September 1993)
ground controller IK2XR0 and IW2EGC reloaded the high level code IHT and
turned on the 435,822 MHz PSK trasmitter.
Analysis of the telemetry showed an healthy satellite with the battery
fully charged after 4 months of stand-by in MBL (safe) mode.
A WOD (Whole Orbit Data) survey will be started during tonight pass,
collecting data on array current, battery voltage and onboard temperature.
Following the WOD collection, we plan to activate the digipeater function,
and experiment using the APRS system.

Best regards
Alberto E. Zagni - I2KBD
ITAMSAT Project Manager

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To unsubscribe send a blank email to leave-aprsnews-839E@lists.tappr.org

From bounce-aprsnews-839@lists.tappr.org Mon Sep 27 09:03:38 1999
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.10) with SMTP id JAA15481
for <lyris.aprsnews@tappr.org>; Mon, 27 Sep 1999 09:03:34 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 27 Sep 1999 09:53:24 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Subject: [aprsnews] New Kenwood APRS Radio
Message-ID: <LYR839-41811-1999.09.27-09.14.32--
lyris.aprsnews#tappr.org@lists.tappr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>

List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <Pine.GSO.4.05L.9909270925440.8940-100000@arctic>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

Kenwoods APRS (PACSAT) Moble Radio

At DCC, Kenwood informally revealed a prototype APRS Mobile (PACSAT) radio. This was a courtesy demo only. The radio does not yet exist, so do them a favor and DO NOT PESTER YOUR KENWOOD DEALERS until Christmas. The radio looks like TM-V7 but with a larger orange screen. It appears to have the following interesting characteristics:

- All THD7 features plus dozens of enhancements
- Full front panel text message send-receive (like THD7)
- 9600 baud Pacsat capable. crossband TNC. With KISS
- Full front panel general packet monitor display (See scrolling packets on any channel, not just APRS)
- All band rcv 118 MHz to 1300 MHZ, (optimized only in HAM bands)
- Remote control head (always)

I will have one of these at the AMSAT conference and will discuss the pro's and con's of mobile two-way FRONT PANEL APRS communications via the 9600 baud PACSATS (No laptop needed!)

The receiver is very good. I wonder what the minimum gain antenna will be for a reasonable downlink...? We did a test on the roof parking lot and got near full scale readings from U022 with a handheld 3el yagi.

de WB4APR

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To unsubscribe send a blank email to leave-aprsnews-839E@lists.tappr.org

From bounce-aprsnews-839@lists.tappr.org Mon Sep 27 09:18:11 1999
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.10) with SMTP id JAA15892
for <lyris.aprsnews@tappr.org>; Mon, 27 Sep 1999 09:18:10 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 27 Sep 1999 10:06:24 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>

X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] Mobile HAM AID box
Message-ID: <LYR839-41821-1999.09.27-09.28.58--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.9909271003240.8940-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

APRS ID BOX (AID)

At DCC I presented the idea of using the ubiquitous Caller ID boxes as a Ham Radio universal mobile 4 line message delivery device. These devices are down to \$12 on sale and \$2 surplus. Not only can they display real-time messages, but also have a 50 to 100 message memory. I call this an AID box (APRS ID BOX).

The application is the dashboard of every mobile ham radio vehicle. NO OTHER HARDWARE REQUIRED. Just connect to your speaker. Imagine the applications: Meeting announcements, traffic/wx advisories bulletins, Emergency calls, etc.

The beauty of it is that they use 1200 baud standard ASCII text and the same Bell202 tones as Packet radio. All we need to do is transmit the right tones! Any TNC with "ASCII" RTTY mode can do this. THUS it should be trivial to implement a universal LOW COST amateur text distribution system almost overnight!

Before DCC I began experimenting. I could easily use a BELL202 modem to receive caller ID from my phone line. But for transmitting to an AID box, it appears that the ID box will not receive and decode the text unless the ASCII tones arrive at a specific time after the first ring signal. Reverse engineering the circuit reveals the ring rectifier does feed a pin on the PIC chip which will need to be spoofed; probably by the opening of the squelch.

The concept is to have a modem at each voice repeater site to send the tones. It listens for special messages on a command channel (or the APRS channel) and translates them to the AID format. The ideal engine to program this cross translator is the TAPR Pic-E which already has the Bell202 modem on board.

Thus, not only APRS stations, but also ANY voice radio user can now be efficiently informed via error-free text messages for under \$5 per vehicle!

Experimenters go for it!

de WB4APR, Bob

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From bounce-aprsnews-839@lists.tapr.org Mon Sep 27 09:36:13 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id JAA16306
for <lyris.aprsnews@tapr.org>; Mon, 27 Sep 1999 09:36:12 -0500 (CDT)
Message-ID: <LYR839-41822-1999.09.27-09.46.02--
lyris.aprsnews@tapr.org>
From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] FW: [aprssig] APRS Protocol Specification Update
Date: Mon, 27 Sep 1999 09:25:13 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <1B66FFC6BE1CD211A0620008C7A42AC2011384E5@MRDNEXCH01>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

-----Original Message-----

From: John Ackermann [<mailto:jra@febo.com>]
Sent: Saturday, September 25, 1999 4:30 PM
To: TAPR APRS Special Interest Group
Subject: [aprssig] APRS Protocol Specification Update

After a meeting of the APRS Working Group at the DCC in Phoenix, we were able to announce yesterday (Friday) that the draft of the long-awaited APRS Protocol Specification V1.0 will be completed and handed over to Greg

Jones by 2359 on Tuesday, September 28 (note: the time zone was not specified :-). Greg will format the document and have it available at the TAPR web site by the end of the week. He will post the specifics, including the URL of the new APRS Working Group web page, when the document is ready to go.

As a reminder of the process, once the draft is posted, there will be a public comment period. The authors will take the comments into account in finalizing version 1.0 of the APRS Protocol Specification.

Since we are trying to establish a baseline that documents the current on-the-air protocol, this round of comments will be limited to inaccuracies or omissions of the draft's description of the current protocol. Comments requesting changes or extensions to the protocol need to wait until after version 1.0 is finalized.

The comment process and timeline will be outlined at the APRS Working Group web page.

John Ackermann N8UR
APRS Working Group Administrative Chair
jra@febo.com

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From bounce-aprsnews-839@lists.tapr.org Thu Sep 30 12:02:06 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id MAA10519
for <lyris.aprsnews@tapr.org>; Thu, 30 Sep 1999 12:02:05 -0500 (CDT)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
X-Sender: mcmusick@mail.anet-stl.com
Message-Id: <LYR839-42461-1999.09.30-12.13.20--
lyris.aprsnews@tapr.org@lists.tapr.org>
Date: Thu, 30 Sep 1999 11:49:03 -0400
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: Mike Musick <mcmusick@anet-stl.com>
Subject: [aprsnews] IMPORTANT to pocketAPRS Users!
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <v04011700b41932a6afa6@209.145.180.21>

Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

To all pocketAPRS users...

v0.98 of pocketAPRS expires TOMORROW!

My job has interfered (in a big way) with getting v1.0 out the door, which was planned to happen two weeks ago. But I took a moment this morning for a quick glance at the code, and much to my horror discovered that v0.98 is set to die on 10/1/99.

A stopgap, v0.99, has been hastily compiled and uploaded. It is definitely "under construction", as you will notice that there is no ability to manually enter coordinates under the station or object dialogs. v0.99 should HotSync right on top of v0.98 without consequences.

The load at work may shortly abate long enough to get some of my life back, so with any luck the "real" v1.0 should be out sometime around the weekend.

Much apology to everyone about being caught this way, and for rushing seriously incomplete code out the door.

...mike/N0QBF

PS - the pocketAPRS website is now <http://www.pocketaprs.com>.

pocketAPRS - APRS for the Palm Connected Organizer

Website: <http://www.pocketaprs.com>

Application: <ftp://ftp.tapr.org//aprssig/palmstuff/palmaprs/pcktaprs.zip>

Map Files: <ftp://ftp.tapr.org//aprssig/palmstuff/palmmaps/>

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From bounce-aprsnews-839@lists.tappr.org Sat Oct 2 12:50:42 1999
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.11) with SMTP id MAA26428
for <lyris.aprsnews@tappr.org>; Sat, 2 Oct 1999 12:50:38 -0500 (CDT)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Message-Id: <LYR839-42779-1999.10.02-13.01.56--
lyris.aprsnews@tappr.org@lists.tappr.org>
Date: Sat, 2 Oct 1999 12:28:25 -0500
To: "APRS Announcements" <aprsnews@lists.tappr.org>
From: Greg Jones <wd5ivd@tappr.org>
Subject: [aprsnews] APRS WG Page Available
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <v04020a01b41bf0cf033b@[192.168.0.2]>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

The APRS WG Page with Draft 1.0 of the APRS Spec is now available.

<http://www.tappr.org/tappr/html/aprswg.html>

Also, the new APRSSPEC list is open. This list should be used for discussion regarding the spec.

Cheers - Greg Jones, WD5IVD
APRS WG

Greg Jones, WD5IVD Austin, Texas
wd5ivd@tappr.org <http://www.tappr.org/~wd5ivd>

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Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.11) with SMTP id MAA15824
for <lyris.aprsnews@tappr.org>; Mon, 4 Oct 1999 12:57:35 -0500 (CDT)
Message-ID: <LYR839-43241-1999.10.04-13.09.03--
lyris.aprsnews@tappr.org@lists.tappr.org>

From: "Brent Hildebrand" <bhildebrand@earthlink.net>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] APRS+SA Beta 1.99XB Posted
Date: Sun, 3 Oct 1999 22:11:19 -0700
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
X-Priority: 3
X-MSMail-Priority: Normal
X-Mimeole: Produced By Microsoft MimeOLE V5.00.2615.200
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyrus Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <032e01bf0e26\$e56f83a0\$e992b3d1@celeron>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

I have uploaded APRS+SA v1.99XB. This will be found in the APRS+2.zip file.
It requires APRS+1.zip to run.
<ftp://ftp.tapr.org/aprssidg/winstuff/aprsplus>

1) Added support for reception of Compressed format Packets. These are not currently being transmitted, and complete testing needs to be performed. But the basics are now in place.

2) Kiss mode changed. You can now access Kiss mode on Port-1, the TNC port by pressing Ctrl-Shift-K. This activates the Kiss window. You will need to enter the serial port parameters. There is also a new slot for entering the appropriate commands to put your TNC in Command mode. This is a single line edit control. To enter multi-line commands, enter <CR> for a carriage return (New Line) character. Example: to put a Kantronics TNC into Kiss mode, enter:

INT KISS <CR> RESET <CR>

Case in not important. Commands for other TNCs will vary.

NOTE: Kiss mode is not entered automatically on program startup, yet. You will need to manually enter Kiss mode at startup. The Kiss window will remember you settings between invocations of the program. To start Kiss mode, Press Ctrl-Shift-K, Click Open, Click KissOn.

Brent, KH2Z

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From bounce-aprsnews-839@lists.tapr.org Tue Oct 5 13:23:48 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.11) with SMTP id NAA15640
for <lyris.aprsnews@tapr.org>; Tue, 5 Oct 1999 13:23:47 -0500 (CDT)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Message-Id: <LYR839-43493-1999.10.05-13.35.18--
lyris.aprsnews@tapr.org@lists.tapr.org>
Date: Tue, 5 Oct 1999 13:04:16 -0500
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: Greg Jones <wd5ivd@tapr.org>
Subject: [aprsnews] Results of the 1999 TAPR APRSSIG Technology Day
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <v04020a02b41fea6329c9@[192.168.0.2]>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

John Blowsky, KB2SCS
Guy Story, KC5GOI
Stan Horzepa, WA1LOU

Results of the 1999 TAPR APRSSIG Technology Day

- 1) First place goes to Jim Duncan KU0G. With a score of 1928.
Congratulations Jim!!

Mr. Duncan won by truly following the spirit of Technology Day.
He set up an Igate station at his home then used a local
packet frequencies to stream the internet feed to his
Technology station in the field. Which is not only fully allowed in
the rules of Technology Day but also follows the intent of
Technology Day. Way to Go Jim. This shows the adaptability
that Amateur Radio operators in a time of emergency have been
known to posses.

Subject: [aprsnews] New Old pocketAPRS Uploaded ;-)
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <v04011700b4225823ae47@[209.145.180.156]>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

After reports of some problems with the emergency v0.99 release because of the non-functional interface on the posit data input, I did a little exploration and discovered that it was possible to re-release the v0.98 binary (.PRC) after doing a little "bit" surgery. There is now a couple of months' headroom on the re-release.

So - if you've been bugged by the lack of editable position, you can "downgrade" back to v0.98 with no repercussions:

<ftp://ftp.tappr.org//aprssig/palmstuff/palmaprs/paprs98x.zip>

Load it on top of v0.99 or the expired v0.98 and it should be fine.

Thanks to all for your indulgence. 1.0 should still be out very, very soon.

...mike/N0QBF

pocketAPRS - APRS for the Palm Connected Organizer

Website: <http://www.pocketaprs.com>

Application: <ftp://ftp.tappr.org//aprssig/palmstuff/palmaprs/pcktaprs.zip>

Map Files: <ftp://ftp.tappr.org//aprssig/palmstuff/palmmaps/>

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From bounce-aprsnews-839@lists.tappr.org Fri Oct 8 07:18:59 1999
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.11) with SMTP id HAA19364
for <lyris.aprsnews@tappr.org>; Fri, 8 Oct 1999 07:18:57 -0500 (CDT)
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"
X-Sender: mcmusick@mail.anet-stl.com
Message-Id: <LYR839-44042-1999.10.08-07.30.38--
lyris.aprsnews#tapr.org@lists.tapr.org>
Date: Thu, 7 Oct 1999 16:18:52 -0400
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: Mike Musick <mcmusick@anet-stl.com>
Subject: [aprsnews] Re: [aprssig] New Old pocketAPRS Uploaded ;-)
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <v04011701b422af8e088a@[209.145.181.57]>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

I did it again, folks... blew the case on a link reference. Haste makes waste!

The revised pocketAPRS v0.98 is *actually* at:

<ftp://ftp.tapr.org//aprssig/palmstuff/palmaprs/PAPRS98X.ZIP>

Oops!

...mike/N0QBF

pocketAPRS - APRS for the Palm Connected Organizer

Website: <http://www.pocketaprs.com>

Application: <ftp://ftp.tapr.org//aprssig/palmstuff/palmaprs/pcktaprs.zip>

Map Files: <ftp://ftp.tapr.org//aprssig/palmstuff/palmmaps/>

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From bounce-aprsnews-839@lists.tapr.org Mon Oct 11 08:31:18 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.11) with SMTP id IAA24829
for <lyris.aprsnews@tapr.org>; Mon, 11 Oct 1999 08:31:15 -0500 (CDT)

X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 11 Oct 1999 09:10:31 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] New Kenwood Radio and Satellites!
Message-ID: <LYR839-44393-1999.10.11-08.43.00--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GSO.4.05L.9910110908140.1014-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Here is what came out of the AMSAT conference:

APRSpace CONCEPT DISCUSSION
Bob Bruninga, WB4APR

10 Oct 99

APRSpace is a network concept I presented at the AMSAT-NA symposium to use amateur satellites to deliver messages/position and status between mobiles and the worldwide APRServe system. With the imminent introduction of the Kenwood APRS Mobile radio with built in 9600 baud TNC and front-panel APRS message and position displays, any mobile traveling outside of the existing APRS infratstructure can send and receive any needed packets via a 9600 baud satellite. The purpose of this "white paper" is to begin the dialog to suggest how APRS and AMSAT can join together to serve the distant mobile ham radio traveler.

In the conference parking lot, using a handheld 3 element (1 foot) UHF beam, the Kenwood radio received and displayed UI packets from both the U022 and K025 downlinks on the front panel of the radio. With several new Amateur Satellites in design and on the launch pad, this demonstrates a great satellite application for these new 9600 baud transponders. Remember, no PC, laptop, TNC or any other hardware other than the mobile radio itself is required!

Further, No on-orbit software, nor message storage nor processing is required other than simply enabling digipeat for UI frames on the satellite. Mobile-to-mobile communications would be enabled instantly, and mobile to-from any other APRS station in the world is possible via only a few APRServe fixed stations serving as impromptu APRServe IGates.

Finally, no special ground segment software is required either, since every copy of Mac/Win and +SA APRS software already includes automatic background Gateway capability to APRServe whenever such a user is connected to his internet ISP..

Thus, in HAM radio we have the ability in only a few months from now to activate a worldwide mobile Satellite communications system that rivals (in our own small way) the global presence of Iridium, Globalstar and others... What makes this possible is the availability of the off-the-shelf Kenwood mobile radio (maybe by December 99) with built in 1200/9600 baud packet radio and APRS front panel displays and controls.

NOTE, this does not replace, but only augments the existing efforts using the 1200 baud A016/L019/I026 satellites to accomplish the same APRS mobile satellite objectives. Similarly it does not compete with the existing 9600 Baud PACSAT Protocols nor satellites. These three amateur satellite segments can be thought of as a means to satisfy a variety of mobile satellite communications needs. The following table attempts to summarize these areas and capabilities:

APRS FUNCTION	A016/L019/I026		ALTERNATIVE GROUND STN
	1200 BAUD SATS	9600 bd SATS	
Posit reporting	\$2 mod TNC-2 and GPS	KWD Mobile and GPS	Mobile PACSAT station with TNC, laptop, etc
Status Reporting	\$2 mod TNC-2 and laptop	KWD Mobile	Mobile PACSAT station with TNC, laptop, etc
Message Xmission	\$2 mod TNC-2 and laptop	KWD Mobile	Mobile PACSAT station with TNC, laptop, etc
Message reception	PSK-SSB and laptop	KWD Mobile	Mobile PACSAT station with TNC, laptop, etc
File Transfer	PACSAT TNC and laptop	KWD Mobile and laptop U022/K023/25	Mobile PACSAT station with TNC, laptop, etc

Notice how versatile the Kenwood will be as a mobile satellite terminal even without a laptop in most cases...

ANTENNAS: Existing mobile whips for 2m will work fine for the mobile uplinks. But existing 9600 baud downlinks are below threshold for any mobile omni antenna. Thus mobiles need to begin working on 7 to 10 dB gain antenna designs. At least a 3 element (or equivalent) beam or

phased array is required. And the vertical polarity of the signal and the nadir pointing null from the satellite preclude the normal center-of-pass advantages. Fortunately, future satellites may have more power available on the downlink, due to the low duty cycle of these APRS style UI messaging.

APRS GROUND STATION (IGATE) SOFTWARE MODS: Although no mods are needed for mobile-to-mobile and mobile-to-internet messsaging, some minor software mods will be needed to existing APRS ssoftware IGate handling from APRServe back to the mobile via the satellite. This is due to the short duration and infrequent satellite passes:

- 1) APRSpace IGates will need to retain APRSpace mobiles in their "local" lists for possibly "days" instead of hours. (APRS Igate software uses these "local" lists to determine whether or not they will forward the traffic from the internet to the mobile via RF).
- 2) APRSpace IGates will need to "buffer" APRServe traffic for APRSpace mobiles until they next come into view. The existing "send-on-heard" algorithm will work once the packets are buffered.
- 3) Because these Message packets will no longer be LIVE, they may need to be TIME stamped. All other APRS messages are delivered LIVE. It is important that there be a distinction to avoid user confusion.
- 4) Because of this many-hour potential message latency, there will be a problem in "old" messages, and conflicting messages via the terrestrial and APRSpace link. One possible solution is to assure that the APRSpace mobile always uses a unique SSID while working the satellites. This is trivial to do since the Kenwood Mobile has 5 user "profiles", one of which can be used for APRSpace unique settings.

FUTURE: This paper only capatilizes on the impending introduction of the new KENWOOD Mobile radio and its capability to use satellites for mobile long distance communications by suggesting a starting point using only existing hardware, software, APRServe, and on-orbit software with no changes. But this is only a starting point. There are many possible enhancements that can be added to future Satellite software:

- 1) 9600 Baud digipeating satellites could save downlink power by keying up the transmitters only when there are packets for relay. They should buffer packets, say for 3 seconds, or so to avoid wasting TXD key-up delays. Such savings could allow a 6 dB power increase for the same average DC power. Each TXD Key up can be equivalent to as many as EIGHT APRS packets!
- 2) Satellites could store-and-forward packets from off-shore and other countries when the downlink is idle. This can provide worldwide APRS

capability for stations thousands of miles from any APRServie IGate.

3) Satellites could transmit their own positions to aid users in antenna pointing. (This can actually be digipeated from a tracking program on the ground in the interim).

4) APRSpace digipeaters could not permit point-to-point link layer connections. It is well known that these are grossly ineffecient on a shared ALOHA channel with 100% "hidden" transmitters.

5) "Country Servers" can forward appropriate "Country wide" bulletins announcements and possibly track data for special interest items

6) APRSpace satellites can "ping" APRSpace mobiles so that the mobiles only transmit when the satellites are in view. This promotes spectrum effeciency.

I invite others to speculate on how we can take advantage of the impending new Kenwood APRS Mobile Radio for mobile operations via our AMSAT Satellites. I hope to see applications that encourage more excitement in Amateur Radio and Amateur satellites to promote LIVE human-to-human communications. The digital equivalent of the good aspects of A027...

de WB4APR

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.11) with SMTP id NAA23374
for <lyris.aprsnews@tapr.org>; Thu, 14 Oct 1999 13:20:45 -0500 (CDT)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Message-Id: <LYR839-44943-1999.10.14-13.32.34--
lyris.aprsnews@tapr.org>
Date: Thu, 14 Oct 1999 13:03:39 -0500
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: Greg Jones <wd5ivd@tapr.org>
Subject: [aprsnews] DCC recap
Cc: "HF SIG list mailing" <hfsig@tapr.org>, "Spread Spectrum" <ss@tapr.org>,
"TAPR/AMSAT DSP" <dsp@tapr.org>,
"APRS SIG list mailing" <aprssig@tapr.org>,
"NETSIG list mailing" <netsig@tapr.org>,

"BBS SIG list mailing"<bbssig@tapr.org>,
" tacgps "<tacgps@tapr.org>, aprsnews@tapr.org, mic-e@tapr.org,
TAPR Regional Freq <regional_freq@tapr.org>
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <v04020a17b423bf6fe1a5@[192.168.0.2]>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

1999 ARRL and TAPR Digital Communications Conference
September 24-26, 1999
Phoenix, Arizona
Greg Jones, WD5IVD

Another grand Digital Communications Conference! Special thanks go out to the workers at MARC for hosting locally and to PRUG for being our international co-host again. Also, a very special thanks to Geoff Baehr, N6LXA, Chief Network Officer of Sun Microsystems, for attending and giving the dinner talk on Saturday. Steve Stroh, N8GNJ, and Tina Stroh did an excellent job in working the arrangements with the hotel in Phoenix once it was selected. Tina wasn't able to attend because they are in the midst of adopting a child. Congratualtions to Tina and Steve. Sheila Bible was a big help and will be working with Tina in the coming years to help coordinate the conferences as I take a lesser role in the conference. As in the past, audio and photos from the conference will be available on the TAPR web site (<http://www.tapr.org/dcc>).

Next year's DCC will be hosted in Orlando, FL. The date of the conference should be selected by the end of the year.

The conference started Friday afternoon with the third annual APRS National Symposium moderated by Steve Dimse, K4HG. The symposium was full of talks and projects. During the symposium yet another new mystery hardware project was discussed. This years was a sneak preview provided by Kenwood to all those attending the DCC of their new mobile APRS equipped radio. The following people spoke at the APRS Symposium.

APRSdos and TrakNet update
Bob Bruninga, WB4APR
MacAPRS/WinAPRS Update
Keith Sproul, WU2Z
XAPRS
Keith Sproul, WU2Z
APRS+SA Update

Brent Hildebrant, KH2Z
Internet and APRS
Steve Dimse, K4HG
WinCE version
Rob Wittner, KZ5RW
Kenwood TH-D7 Tricks, Treats, and Tragedies
Stan Horzepa, WA1LOU
Arizona APRS
David McCarthy, KC7AYX
APRS ICQ
Tom Schaefer, NY4I
Microcontrollers and APRS
Steve Bible, N7HPR
APRS Working Group Update
John Ackermann, N8UR

The Friday Technical Seminar on HDTV by Allen Finne, KB5SQK was cancelled at the last minute when Allen could not attend.

Friday night saw the annual DCC social, which was sponsored by PRUG. After the social, PRUG presented a technical paper highlighting their current development. The papers focused on what had been happening with their prototype direct-sequence radio operating in the 2.4 GHz band. This prototype appears to be very well designed from an experimentation point of view.

As with past years, Saturday was split into two strands -- a paper session and a session featuring selected topics. As in previous years, the selected topic strand had fewer topics with more time to present. Four selected topics were presented. Steve Bible, N7HPR, presented an introduction to PICs. Guy Story, KC5GOI, presented an overview to APRS and discussed some of the latest happenings in the mode. Johan Forrer, KC7WW, did an overview and current status on HF communications. Bob Nielsen, W6SWE, did a talk on the current status of Linux in the amateur community. Thanks to all the selected topic speakers for taking the time to present more in-depth materials during the DCC.

The paper sessions included the following talks:

Regulatory Issue and Update
Dewayne Hendricks, WA8DZP
ARRL Technology Task Force & The Technology Working Group
Rich Moseson, W2VU
Arizona Packet Radio, Past Present and Future
Keith Justice, KF7TP & Dan Meredith, N7MRP
APRS Mic-Lite
Bob Bruninga, WB4APR
APRS for X-Windows (Linux)

Keith Sproul, WU2Z
Automatic Weather Bulletins via APRS
Keith Sproul, WU2Z
APRS Generic Digipeating Satellites for HT and Mobile Satellite Communications
Bob Bruninga, WB4APR
XML and APRS
Steve Dimse, K4HG
APRN: Automatic Picture Relay Network and SSTV Picture Server
Keith Sproul, WU2Z & Bob Bruninga, WB4APR
APRS Stand Alone Message Receiver
Keith Sproul, WU2Z
Proposal for a Spread Spectrum Transponder Payload on the International
Space Station
Matthew Ettus, N2MJI
UWB (Ultra Wide Band) Technology
Dewayne Hendricks, WA8DZP
Status Report on TAPR 900MHz SS Radio Project
Tom McDermott, N5EG
A Low-Cost HF Channel Simulator for Testing and Evaluating HF Digital Systems
Johan Forrer, KC7WW
(Non Technical) Lessons to be learned from the PSK31 Phenomena
Eduardo Jacob, EA2BAJ
A software Implementation for Federal Standard 1052 (Mil. Std. 188-110A HF
Modems)
Robert McGwier, N4HY
A Practical Approach to Implementing HF Digital Voice in the Amateur Service
Charles Brain, G4GUO
HamWeb and HamStation
Dale Puckett, K0HYD

For the banquet speaker, we were very fortunate to have Geoff Baehr, N6LXA, Chief Network Officer of Sun Microsystems. Geoff gave a very interesting and thought-provoking talk on the future of the Internet and networking in general and gave some comments on the future of amateur radio. We were very fortunate to have Geoff attend the conference and much thanks goes to Dewayne Hendricks, WA8DZP, for helping arrange another good banquet talk.

The Sunday morning seminar was a more time-intensive version of last year's introductory session on PIC development. Steve Bible, N7HPR, Steve Dimse, K4HG, John Hansen, W2FS, and Byon Garrabrant, N6BG gave a 5 hour long seminar on PIC development and programming issues. They showed lots of interesting projects and answered a lot of questions from the audience.

Thanks to all those that I missed mentioning who helped with the DCC and I look forward to seeing you next year!

Tucson Amateur Packet Radio

8987-309 E Tanque Verde Rd #337 * Tucson, Az * 85749-9399

e-mail: tapr@tapr.org web: <http://www.tapr.org/>
ftp: [ftp.tapr.org](ftp://ftp.tapr.org)
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From bounce-aprsnews-839@lists.tapr.org Tue Oct 19 12:36:59 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.11) with SMTP id MAA28602
for <lyris.aprsnews@tapr.org>; Tue, 19 Oct 1999 12:36:58 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Tue, 19 Oct 1999 13:17:09 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: amdat-bb@amsat.org
Subject: [aprsnews] Worldwide linked AMSAT Groundstations
Message-ID: <LYR839-45713-1999.10.19-12.49.08--
lyris.aprsnews@tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.9910191256290.5019-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Linked Ground Stations:

Many papers at the AMSAT Symposium mentioned the need for linked ground stations to permit worldwide access to satellite downlinks in real time. In fact we had several such stations linked via APRServe during the last few years of MIR. Its time to formalize these efforts.

APRServe written by Steve DIMse K4HG has this ability to accept dozens if not hundreds of simultaneous users and to both accept and re-feed all data to all users live. This is the core of the worldwide distribution of APRS packets via the internet. The MIR linked stations simply

fed their data into APRServe and then anyone could see it live.

But it is time to move this traffic off of APRServe and onto a dedicated experimental channel. We could call this APRSpace.

Since a recent major outage of APRServe, numerous "mirror" sites are springing up, so this shows how the software is able to be replicated on any site with permanent Internet access. We only need ONE APRSpace server and it can then feed and accept data from anyone.

Here are examples of the kinds of data that I or anyone else could feed into APRSpace that can then be seen by anyone else... live at any time...

- PACSAT Downlinked TElemetry, Status, and PLists
- ACARS packet data from commercial aircraft
- Experimental data of any type (must look like an AX.25 packet)

We need someone to "take charge and move out" with this idea... This will clean up some of the burden on APRServe and also then provide experimenters a needed channel for real-time amateur Radio experiments... (linked around the world live by the internet)...

The software exists. Just need to duplicate what we have... for this special application... Rather than see a bunch of non-compatible implementations evolve, it might be better to just spin-off from the APRServe model which has been serving millions of packets for over 4 years...

To see how it works, simply TELNET to 199.227.86.221 port 23

de WB4APR, Bob

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From bounce-aprsnews-839@lists.tapr.org Tue Oct 26 11:27:18 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.11) with SMTP id LAA09093
for <lyris.aprsnews@tapr.org>; Tue, 26 Oct 1999 11:27:18 -0500 (CDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Tue, 26 Oct 1999 09:16:45 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
cc: TAPR APRS Special Interest Group <aprssig@lists.tapr.org> ,

aprsnews@tapr.org
Subject: [aprsnews] HF-Igate's
In-Reply-To: <LYR10461-46533-1999.10.24-23.25.54--
bruninga#nadm.navy.mil@lists.tapr.org>
Message-ID: <LYR839-46681-1999.10.26-11.39.46--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.9910260839450.12905-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk
To: "APRS Announcements" <aprsnews@lists.tapr.org>

> 14.099.8 (LSB) for those with 1600/1800 KAM/MFJ tones... We have
> been seeing WA4HEI, K7OFT-10 besides myself, wa6ylb-1.... K4HG-8 mobile
> in Miami and N8YCL in Cincinatti as well as stations in CA and Wa on 20M

HF-IGATES:

I think it might be time to consider the following APRS Service.
If we had an HF-IGate that monitored APRServe continuously and transmitted everything appropriate to HF, then an HF user could tune into this HF-Igate and have full conectivity with the rest of APRSdom. With a 300 baud channel, Every "active" APRS station in the country could be serviced in about 10 minutes or less (about 600). Here is how:

- 1) Since the HF-IGate would be almost continuously transmitting, then there is no additinal TXD penalty on each packet (20% savings)
Also, since there is no CSMA, channel effeciency goes up from about 20% to 100% (5 times more!)
- 2) The HF-IGate would strip off all digi headers and simply replicate the original FROM/TO calls (using KISS mode to the TNC). (30% savings)
- 3) Positions would be compressed (30 to 70% savings)
- 4) The following traffic from APRServe would be ignored and NOT transmitted on HF: All DIGI's, all WX and WX stations (30% savings)

The objective is to forward to HF via this HF-IGate server all traffic that is live and/or changing which is of value to the mobile traveler..

- 1) All mobile position reports, especially if SPEED is not zero
- 2) ALL APRS mobiles (using APRS while mobile or non fixed)
- 2) All message traffic (especially if GATE* or GATE,WIDE* was in the path of the station to whom the message was to-or-from)

The result is a traffic flow that will easily fit in a 300 baud channel...

The distant HF station then listens on the HF-IGate channel and if he wants to transmit then he transmits back into the system on 10.151...

Remember that the 10151 channel is the worlds largest HF diversity receiver. As long as his packet is heard by any of about 80 normal HF Gates, then his packet WILL get into the system. These HF-IGate servers just provide the reverse channel... (without burdening the input channel)

It would be nice to have an HF-IGate on each coast on their own dedicated frequency...

Any takers?

de WB4APR, Bob

Yes, I filtered out WX. Remember this is an HF-IGate server. YOU wont hear it if you are within a few hundred miles, so it will not have any WEATHER information that is of local current value to you... Besides any AM radio can provide all the WX info you want... Filters like this are necessary to assure that all "live" traffic can fit into the 300 baud channel.

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From bounce-aprsnews-839@lists.tappr.org Thu Nov 4 14:46:48 1999
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.11) with SMTP id OAA26346
for <lyris.aprsnews@tappr.org>; Thu, 4 Nov 1999 14:46:47 -0600 (CST)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Thu, 4 Nov 1999 15:33:13 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tappr.org>
cc: amsat-bb@amsat.org, TAPR APRS Special Interest Group <aprssig@tappr.org>,
aprsnews@tappr.org
Subject: [aprsnews] A016/L019/I026 QSO party?
In-Reply-To: <LYR862-46186-1999.10.22-04.00.45--
BRUNINGA#NADN.NAVY.MIL@lists.tappr.org>
Message-ID: <LYR839-48079-1999.11.04-14.59.38--
lyris.aprsnews#tappr.org@lists.tappr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <Pine.GS0.4.05L.9911041516130.13572-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

FOOTBALL tracking via A016/L019/I026

As a special event to exercise the live UI packet QSO capability via the 1200 baud pacsats, we would like to invite everyone to join us on ALL PASSES of all 3 birds on Friday and Sat 3 and 4 Dec. This is when we annually use APRS to track the 150 mile running of the ARMY/Navy game football from Annapolis MD to Philadelphia by over 100 midshipmen.

We will be transmitting our APRS (GPS) positions and will be looking for others on the birds. This is not something you throw together overnight. But it is a good target date to consider dusting off your old PSK satellite ground station and joining a live QSO event via these birds.

For those interested in live UI packet QSO's via these 1200 baud Pacsats, come join our A016APRS Special Interest Group by sending a subscription to listserv@tappr.org

For details on this mode of communications via these birds, see:

<http://web.usna.navy.mil/~bruninga/traknet.html>

The page will be updated as we get closer to the event... (any day now...:-)

de WB4APR, Bob

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From bounce-aprsnews-839@lists.tapr.org Mon Nov 8 09:20:09 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.11) with SMTP id JAA18201
for <lyris.aprsnews@tapr.org>; Mon, 8 Nov 1999 09:20:07 -0600 (CST)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Sun, 7 Nov 1999 18:28:29 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: aprsnews@tapr.org
Subject: [aprsnews] Stolen APRS Equipment
Message-ID: <LYR839-48458-1999.11.08-09.04.52--
lyris.aprsnews@tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GSO.4.05L.9911071816020.24844-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

A friends Equipment got stolen and may show up on the air. The call is WD8LAQ-9. If you ever see any packets from it, please alert everyone.

The last reported position (prior to theft) was

070140z at 3855.49N and 07644.28W moving 287 at 3 knots in Bowie, MD

So look for ANY newer packets... Look particularly at the PATH. Knowing what was the FIRST digi call will be our best chance of beginning a DF since it is very doubtfull the thief will know how to hook up the GPS...

In APRSdos, select WD8LAQ-9 and set an ALARM on it. If it every moves, you will hear alarms.

bob

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From bounce-aprsnews-839@lists.tapr.org Thu Nov 11 17:49:32 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id RAA26426
for <lyris.aprsnews@tapr.org>; Thu, 11 Nov 1999 17:49:31 -0600 (CST)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Thu, 11 Nov 1999 16:37:26 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] ARRL APRS Leonids Experiment
Message-ID: <LYR839-49058-1999.11.11-18.02.47--
lyris.aprsnews@tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.9911111635580.28406-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

From: "Ford, Steve, WB8IMY" <sford@arrl.org>

ARRL Headquarters station W1AW will be participating in an APRS meteor-scatter experiment, November 12 through 19, during the Leonids meteor shower. Beginning at 2100 UTC on 12 November, W1AW will be monitoring and beaconing on 53.530 and 147.585 MHz continuously. QSLs will be available for all stations receiving W1AW's APRS beacons (please include an SASE). For more information concerning the Leonids APRS experiment, see the November issue of QST, page 46. Each day the call signs of stations received at W1AW will be posted on the Web at:
http://www.arrl.org/announce/leonids_experiment.html.

I will be participating myself on 6 meters from my home station. It should be an interesting test!

73 . . . Steve Ford, WB8IMY
QST Managing Editor

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From bounce-aprsnews-839@lists.tapr.org Sun Nov 14 08:50:11 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id IAA07987
for <lyris.aprsnews@tapr.org>; Sun, 14 Nov 1999 08:50:08 -0600 (CST)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Sat, 13 Nov 1999 23:03:11 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: amsat-bb@amsat.org
Subject: [aprsnews] Leonids for everyone
Message-ID: <LYR839-49692-1999.11.14-09.03.20--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.9911132253510.7721-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

This is just a reminder that Everyone can play with the
Leonids...(listen/receiving)

Yes, for success, you need a beam and high power, but People have HEARD
packets on an omni. So, everynight as you go to bed, CLEAR your APRS maps
of all stations, and QSY to 147.585.

WHen you wake up the next morning. Look at your map! If you see anyone
beyond locals, then you got one! Total investment, about 10 seconds of

your time...

BUT unless you have high power or a beam pointed at a several hundred mile distant city, dont transmit if there are others in your area listening. Your transmissions will just QRM others listening since you will have little chance of being heard... via a meteor.

So QSY at bed time. Nothing ventured, nothing gained. Why bed time? Because from midnigt to about 8 AM is when your part of the earth is moving in the direction that earth is moving through space and is when you will see the most signals (and nothing else is going on on APRS that you would be missing by QSY ing)...

Have fun!

Bob

ARRL Headquarters station W1AW will be participating in an APRS meteor-scatter experiment, November 12 through 19, during the Leonids meteor shower. Beginning at 2100 UTC on 12 November, W1AW will be monitoring and beaconing on 53.530 and 147.585 MHz continuously. QSLs will be available for all stations receiving W1AW's APRS beacons (please include an SASE). For more information concerning the Leonids APRS experiment, see the November issue of QST, page 46. Each day the call signs of stations received at W1AW will be posted on the Web at:
http://www.arrl.org/announce/leonids_experiment.html.

I will be participating myself on 6 meters from my home station. It should be an interesting test!

73 . . . Steve Ford, WB8IMY
QST Managing Editor
Personal Web site:
<http://home.att.net/~wb8imy/home.htm>

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From bounce-aprsnews-839@lists.tapr.org Wed Nov 17 07:59:34 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id HAA04729

for <lyris.aprsnews@tapr.org>; Wed, 17 Nov 1999 07:59:33 -0600 (CST)
Message-ID: <LYR839-50390-1999.11.17-08.13.00--
lyris.aprsnews#tapr.org@lists.tapr.org>
Date: Tue, 16 Nov 1999 13:47:55 -0800
From: "Ray Rischpater, KF6GPE" <dove@lothlorien.com>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
Organization: Ataraxia Solutions
X-Accept-Language: en
MIME-Version: 1.0
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] APRS/Find PQA available for PalmVII users...
Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854"; x-mac-
creator="4D4F5353"
Content-Transfer-Encoding: 7bit
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <3831D0D9.9D6FD61E@lothlorien.com>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

For those with a PalmVII connected organizer, I've rolled a Web Clipping application that accesses Steve Dimse's APRS/MapBlast server. Given a callsign, it'll query the server and return a MapBlast image tuned for the PalmVII, along with the station's last known position, course/speed, and status if applicable.

It's available at Palm.net.

73 de KF6GPE

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From bounce-aprsnews-839@lists.tapr.org Mon Nov 22 15:10:39 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id PAA14852
for <lyris.aprsnews@tapr.org>; Mon, 22 Nov 1999 15:10:38 -0600 (CST)
Message-ID: <LYR839-51410-1999.11.22-15.24.21--
lyris.aprsnews#tapr.org@lists.tapr.org>
Date: Mon, 22 Nov 1999 12:09:00 -0500
From: Marc <va3drv@rac.ca>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>

MIME-Version: 1.0
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] High Performance / Low Cost GPS' for sale
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <383978AC.B338A413@rac.ca>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Greetings!

The West Carleton/Lanark Amateur Radio Club is pleased to announce that it is making a limited number of low cost/high performance GPS' and GPS antennas for sale to the Amateur Community.

These are 12 channel gps' that output in NMEA. They are in a SIMM form factor and run on 3.3 - 5 V. These are intended for OEM applications but their small size makes them suitable for many applications.

The companion antenna (not included, but available separately) runs on 3V - 5V, has a current consumption of 7 ma (typical) @3.0V, 28 dB gain, and very low noise figure of 0.8 dB.

These items are available separately or as a set. Quantities are limited.

Please visit the WCARC web site for info on these products at:

<http://www.wcarc.on.ca/products/products.html>

To place an order or for further info, please visit the e-commerce web site at:

<http://www.wcarc.on.ca/ecommerce/itmidx1.htm>

The set can be had for CDN \$149.95, or approximately US \$100.
The GPS is CDN \$84.95.
The antenna is CDN\$ 69.95.

This is a club project. All funds resulting from this sale are used toward club projects.

Thanks and 73!

de Marc Pichette, VA3DRV/VE3APR

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From bounce-aprsnews-839@lists.tapr.org Fri Nov 26 10:48:20 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id KAA16837
for <lyris.aprsnews@tapr.org>; Fri, 26 Nov 1999 10:48:18 -0600 (CST)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Fri, 26 Nov 1999 10:59:14 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] 10m APRS
Message-ID: <LYR839-51944-1999.11.26-11.02.11--
lyris.aprsnews@tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GSO.4.05L.9911261037420.15627-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

One thing I wanted to experiment with on 10m was simply to put up 10m "feeds" of local activity. In otherwords, find an "unused" frequency and put up a TNC that would feed your local activity to distant 10m users.

Since we can run 1200 baud SSB using the 25W \$139 RS radio and *any* TNC can do this, we don't need the specialized GATEWAY TNC's, but just any TNC. Just connect the TXD side of your TNC to 10m and the RXD side on 144.39. Set your alias to WIDE or if it is a KPC3+, then set all the other DIGI settings. Then tell us your freq. If we want to check on APRS in your area, we tune in your freq.

If there is a national interest APRS event in your area, same thing, you can feed the 144.39 to everyone on 10m... Notice, that everyone is on a different freq (probably 2 KHz apart (Maybe even 3?)), but there is lots of bandwidth on 10m...

What I wanted to do was take the APRServe feed to a 10m freq as follows:

- 1) Filter out all digis
- 2) Filter out all fixed stations with no activity (MSGs, movement, etc)
- 3) Filter other things TBD

Whats left are mobiles...

Then strip off all PATH info and insert something like VIA 10M*
and transmit in KISS mode (Thus greatly shortening the packet.

Finally if it still doesnt fit, start dividing the number of packets
from stand-alone-trackers by N...

Thus, anyone at any time could tune in and see who is "on the air" and can
be QSO'ed...

Just some thoughts to take advantage of 10m and the good props for the
next few years...

de WB4APR, Bob

P.S. Depending on activity levels via your TNC, you might get by with 2 or
at max of 3 such feeds on the same freq. These cities should be WIDELY
separated so that they can hear each other when the band is open so that
they can use CSMA to avoid collisions. If you have more than one packet
every 5 seconds, then you need your own freq. If your traffic is less,
then you can share... In this case, feed both the 10m receive audio and
2m receive audio into the TNC so that it can receive data from 2m, yet
hear 10m to avoid collisions... But keep the 10m audio low enough so that
it only "avoids" transmitting, but doesn't decode. If it decodes 10m
packets, then you will be also digipeating the other cities packets BACK!

Anyway, this is not a fully thought through "system plan". It is just a
suggestion for some experimentation to see if we can make a use of 10m and
the \$139 radios...

Bob

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From bounce-aprsnews-839@lists.tappr.org Wed Dec 1 06:59:26 1999
 Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
 by tappr.org (8.9.3/8.9.3/1.13) with SMTP id GAA22147
 for <lyris.aprsnews@tappr.org>; Wed, 1 Dec 1999 06:59:25 -0600 (CST)
 X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
 Date: Wed, 1 Dec 1999 00:04:53 -0500 (EST)
 From: Bob Bruninga <bruninga@nadn.navy.mil>
 X-Sender: bruninga@arctic
 To: "APRS Announcements" <aprsnews@lists.tappr.org>
 cc: aprsnews@tappr.org
 Subject: [aprsnews] 1200 Bd PACSATS QSO party
 Message-ID: <LYR839-52609-1999.12.01-07.13.34--
 lyris.aprsnews@tappr.org@lists.tappr.org>
 MIME-Version: 1.0
 Content-Type: TEXT/PLAIN; charset=US-ASCII
 List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
 List-Software: Lyris Server version 3.0
 List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
 List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
 X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
 Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
 X-Message-Id: <Pine.GSO.4.05L.9911302347550.14087-100000@arctic>
 Sender: bounce-aprsnews-839@lists.tappr.org
 Precedence: bulk

1200 Baud PACSAT QSO party

The big day approaches. Dust off that old 1200 Baud PACSAT TNC and join us this weekend on all passes of AO-16, LO-19 and IO-26 for live QSO's via these DIGIPEATERS in space. We will start at noon on Friday. and go through Sunday evening...

These Birds are virtually unused over the USA and make excellent digipeaters for UI packets. So if you want an old fashioned LIVE satellite QSO (keyboard), then tune up... RUn APRS or just a dumb terminal... enjoy...

SAT	DIGI	FM Manchester UPLINKS CHANNELS					DOWNLINK
AO-16	PACSAT-1	.860	.900	.920	.940		437.051
LO-19	LUSAT-1	.840	.860	.880	.900		437.153
IO-26	ITMSAT-1	.875	.900	.925	.950		435.822

For newcomers to these birds, remember that you must have a special PACSAT TNC, but even if not, hopefully the downlink will be linked into APRSErve (telenet to 199.227.86.221 port 23)

For details on what we have been doing with these birds, see:

<http://web.usna.navy.mil/~bruninga/traknet.html>

We are using the annual running of the Army Navy game football from Annapolis to Philly as an excuse to get on the air. YOu can watch our progress also on the APRN Web page

<http://web.usna.navy.mil/~bruninga/fball99.html>

Good luck!

de WB4APR, Bob

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From bounce-aprsnews-839@lists.tapr.org Wed Dec 1 12:18:06 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id MAA02701
for <lyris.aprsnews@tapr.org>; Wed, 1 Dec 1999 12:18:05 -0600 (CST)
Message-Id: <LYR839-52716-1999.12.01-12.32.13--
lyris.aprsnews@tapr.org>
Date: Wed, 01 Dec 1999 11:14:09 -0600
From: "Jim Panos" <jpanos@lblco.com>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] Re: 1200 Bd PACSATS QSO party
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Disposition: inline
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <s8450318.031@192.168.1.122>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk
Content-Transfer-Encoding: 8bit
X-MIME-Autoconverted: from quoted-printable to 8bit by tapr.org id MAA02701

Sorry for the email but I am new to pacsats and was wondering what is the

difference between a regular 1200 baud tnc (kpc3) like I have and a pacsat TNC.

Jim Panos Jr. CNA
Network Administrator
Lurie, Besikof, Lapidus & Co. LLP
jpanos@lblco.com

>>> Bob Bruninga <bruninga@nadm.navy.mil> 11/30/99 11:04PM >>>
1200 Baud PACSAT QSO party

The big day approaches. Dust off that old 1200 Baud PACSAT TNC and join us this weekend on all passes of AO-16, LO-19 and IO-26 for live QSO's via these DIGIPEATERS in space. We will start at noon on Friday. and go through Sunday evening...

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IO-26	ITMSAT-1		.875 .900 .925 .950		435.822

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For details on what we have been doing with these birds, see:

<http://web.usna.navy.mil/~bruninga/traknet.html>

We are using the annual running of the Army Navy game football from ANnapolis to Philly as an excuse to get on the air. YOu can watch our progress also on the APRN Web page

<http://web.usna.navy.mil/~bruninga/fball99.html>

Good luck!

de WB4APR, Bob

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From bounce-aprsnews-839@lists.tappr.org Fri Dec 3 06:53:03 1999
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id GAA21770
for <lyris.aprsnews@tappr.org>; Fri, 3 Dec 1999 06:53:02 -0600 (CST)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
X-Sender: mcmusick@mail.anet-stl.com
Message-Id: <LYR839-52983-1999.12.03-07.07.12--
lyris.aprsnews@tappr.org@lists.tappr.org>
Date: Thu, 2 Dec 1999 16:59:44 -0600
To: "APRS Announcements" <aprsnews@lists.tappr.org>
From: Mike Musick <mcmusick@anet-stl.com>
Subject: [aprsnews] pocketAPRS v1.03 Update Now on FTP
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <v04011703b46ca23bacd5@[209.145.180.96]>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

An update to pocketAPRS is now available at:

<ftp://ftp.tappr.org//aprssig/palmstuff/palmaprs/paprs103.zip>

Summary of changes from v1.00:

- Support for large-area coverage maps;
- Correction of severe crashing problem with Palm OS 3.3;
- Numerous other modifications relating to OS 3.3 support;
- Unexplained expiration times for objects fixed;
- Trackers using \$GPGLL now supported.

Users of v1.00 do not need to delete the application or databases before

loading v1.03. Users running the extended beta v0.98x (which expired Wednesday) MUST delete the application, map files and databases before loading v1.03.

I've said all along that we were "pressing the limits" of the little Palm processor in making APRS go, but I had no idea how close we really were until a couple of users running Palm OS 3.3 e-mailed me with reports of "...crashing horribly!" The problems and constraints induced by the new OS were major, and required several days of repair work (and head-banging!) to make it run right.

All users of v1.00 will want to download this version. As stable as v1.00 was under OS 3.0 and 3.1, v1.03 is even more so.

MAP NEWS

=====

New in v1.03 is finally an answer to the "big map" question. Included in the .ZIP file is NAMERICA.PDB, a rough map which covers the lower 48, most of Canada, and Mexico. It is an edited conversion of Bob B's APRSdos "USA.MAP" (thanks, Bob!).

The DOS-to-Palm map conversion feature in MacDLG is in its infancy, but as soon as a couple of bothersome bugs are swatted this will be out there for others to enjoy. (Yeah, yeah, I know... you need a Macintosh program to convert DOS maps to run on the Palm... but it's the only tool I've got at the moment!).

Also, I have just acquired the latest U.S. Census Bureau TIGER map database, and am refining the conversion process. Several test maps have been promising, and I am hoping to be able to produce maps of entire states before year end. I do have to ask, however... the TIGER data was a fair hunk of change (\$500 for the set). Anybody object to or have any thoughts about a one-time "shareware subscription" or similar fee for maps from this data? Not a lot... maybe \$5 or so?

...mike

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From bounce-aprsnews-839@lists.tapr.org Sat Dec 4 14:47:17 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id OAA00609
for <lyris.aprsnews@tapr.org>; Sat, 4 Dec 1999 14:47:16 -0600 (CST)

X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Sat, 4 Dec 1999 15:21:29 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tappr.org>
cc: TAPR APRS Special Interest Group <aprssig@tappr.org>, aprsnews@tappr.org,
ao16aprs@tappr.org
Subject: [aprsnews] A016/L019/I026 APRS QSO Party, Results
Message-ID: <LYR839-53233-1999.12.04-15.01.30--
lyris.aprsnews#tappr.org@lists.tappr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <Pine.GS0.4.05L.9912041454560.25075-100000@arctic>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

Satellite Buffs, and Digital Mobile operators,

Here is a quick summary of the APRS PACSAT QSO party conducted 4 Dec on the three 1200 Baud PACSATS (I haven't finished the 3 Dec results yet). During 5 passes over 400 UI packets were exchanged with at least 13 stations seen (even while 6 stations were logged on and downloading PACSAT Protocol). All downlink packets were also linked into the worldwide APRServe internet system.

APRS/UI STATIONS: WB4APR, KB2WQM, KA2UPW, N8DEU, N5ZNL, K5QXJ, W4HFZ
PACSAT USERS: W4MO, VE3FRH, VE2KAD, N8ULD, TG9IKE, K0RZ

One station, KA2UPW was using only a sound card on his PC to generate the necessary MANCHESTER uplink. N8DEU was using the WB4APR suggested \$3 modified TAPR-2 TNC. Others were using PACSAT TNC's and APRSdos, APRSplus or WinAPRS and some with just terminal software. The sound card method or \$3 mod makes it possible for anyone with a laptop and a 2m radio to uplink while mobile.

With 3 satellites, ALL with uplinks on 145.90, (I was running only 20 watts into a mobile WHIP antenna!) there is great potential for providing mobile APRS POSITION/STATUS reporting for travelers via satellite. For example, the orbits of these birds gives the following coverage pattern everywhere (local sun time):

DAY: 0930-1230 About 7 or 8 passes lasting 8-15 minutes each

NITE: 1930-0030 About 7 or 8 passes lasting 8-15 minutes each

Now all we need is someone to write the 1200 baud PSK downlink modem in software for a sound card, and then these 9 year old satellites will be VERY USABLE again... for amateur mobile digital communications.

NOTES: The throughput of these 1200 baud satellites can be an order of magnitude greater than terrestrial systems for several reasons:

- 1) Each has 4 simultaneous receivers. Thus even with only a 25% success rate on each uplink, the downlink can be kept full
- 2) Since everyone hears the satellite direct, there need be only ONE digipeater hop, instead of the 3 or more duplications on the ground
- 3) Since the satellite is crossband full duplex, the downlink is on 100% of the time instead of the maximum 50% for a simplex digi.

Thus, the birds could handle many hundreds of stations per pass per satellite! Right now, L019 and I026 are 100% dedicated to UI or APRS digipeating. A016 is shared, since its PACSAT BBS is still functional and usually has a few users on the weekends...

I will post the results on our TRAKNET web page so you can browse the captured files if you are interested:

<http://web.usna.nadn.mil/~bruninga/traknet.html>

P.S. This test was conducted in conjunction with the annual APRS/GPS tracking and communications support of the Naval Academy's running of the Army/Navy game football from Annapolis to Philadelphia.

To those that participated, thanks for all your work!
de WB4APR, Bob

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id JAA17919
for <lyris.aprsnews@tapr.org>; Sun, 5 Dec 1999 09:07:55 -0600 (CST)
Message-ID: <LYR839-53353-1999.12.05-09.22.06--
lyris.aprsnews#tapr.org@lists.tapr.org>
Date: Sun, 05 Dec 1999 10:07:11 -0500

From: Stan Horzempa <stanzepa@mail2.nai.net>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Accept-Language: en
MIME-Version: 1.0
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] APRS Protocol Spec Final Draft Published!
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <384A7F9D.FB1FBE0A@ct2.nai.net>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Subject: [htaprs] APRS Protocol Spec Final Draft Published!
Date: Sat, 04 Dec 1999 22:23:13 -0500
From: John Ackermann <jra@febo.com>
To: "TAPR HT APRS Special Interest Group" <htaprs@lists.tapr.org>

=====
APRS PROTOCOL SPECIFICATION
=====

TAPR announces release of the second public draft of
the APRS Protocol Specification.

It's finally here! The APRS Working Group has completed the second
public draft of the APRS Protocol Specification.

This document covers the core functionality of APRS Protocol Version
1.0 as it works today. This is the base level specification that all
implementations should comply with, and it was unanimously adopted by
the Working Group members, who include the authors of APRS-DOS,
WinAPRS, MacAPRS, X-APRS, PocketAPRS, APRS+SA, javAPRS, and APRServe,
and the developers of the Mic-E and Pic-E products.

The Specification forms the basis for future Working Group projects,
including APRS test suites and the APRS Certification Program. The
WG also hopes to use this document as the basis for further speci-
fications, including IGate and APRS digipeater operation.

Over the last 8 weeks the specification has grown from 18 pages to 93.
It now includes packet format diagrams, the APRS symbol tables, full
details of the Mic-E encoded format, the compressed lat/long position

format, plus weather report and telemetry formats. Above all, the specification contains many examples of how APRS data is formatted to make it easier to understand.

The APRS Protocol Specification is now available on the APRS Working Group web page at: <http://www.tapr.org/tapr/html/Faprswg.html>.

It is available in PDF format, both zipped and unzipped. The zip file is a little under 1.5MB. You can read it with a PDF reader such as Adobe Acrobat 3 or 4.

This document is still a draft. There will now be a 15-day public discussion period in which anyone may feed back comments, criticisms and suggestions for improvement. Full information on how to do this is contained within the document.

The final cutoff for comment is midnight U.S. Pacific time on Sunday 19 December (i.e. 0800 UTC on Monday 20 December).

After this date the Working Group will consider all the comments, and will issue the final approved version of the Specification as soon as possible thereafter.

John Ackermann, N8UR (jra@febo.com)
Administrative Chair
APRS Working Group
4 December 1999

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From bounce-aprsnews-839@lists.tapr.org Tue Dec 7 09:42:43 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id JAA17432
for <lyris.aprsnews@tapr.org>; Tue, 7 Dec 1999 09:42:40 -0600 (CST)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs

Date: Tue, 7 Dec 1999 10:17:34 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: aprsnews@tapr.org
Subject: [aprsnews] [APRS and] Houston AMSAT Net 300th Satellite Feed
Message-ID: <LYR839-53748-1999.12.07-09.57.00--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GSO.4.05L.9912071015140.11635-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Tonight...

----- Forwarded message -----

Date: Mon, 6 Dec 1999 18:37:36 -5
From: Bruce Paige <kk5do@AMSAT.Org>
To: amsat-bb@AMSAT.Org

Tuesday at 8:00PM CST (Wednesday 0200Z) we will have our 300th net over commercial satellite. The net has been around for many years before that but over commercial satellite is a really fun thing for us.

To celebrate, we have sent Andy, W5ACM, our net control out hunting and Marty, WD5DZC and myself will be holding the reins. We will have live interviews with several prominent personalities in the satellite community...

[WB4APR will be one, talking about APRS and satellites]

To listen, you can tune into our live satellite feed as listed below in the signature or, you can find us through our real audio live server at <http://www.amsatnet.com> and click on the live feed at the top of the page. After the net, I will preserve the file and have it available for downloading or listening for those that would like to at a future time.

Also check our web site for information on the IRC that we use during the net and for information on how to check into the net if you are listening.

73 and Enjoy our 300th Net
Bruce, KK5DO

Houston AMSAT Net Programmer

=====

Bruce Paige, KK5D0	Internet: kk5do@amsat.org
Houston, Texas	or: kk5do@houston.rr.com
AMSAT Area Coordinator	
ARRL Awards Manager (WAS, 5BWAS, VUCC), VE	
Houston AMSAT Net - Tuesday, 8PM CDT on GE-1 (W1), T12, 5.7MHz at 103 deg	
Also affiliated repeaters in North America. Also available on Real Audio at	
http://www.amsatnet.com	Visit SHOT http://www.clarc.org/shot
Hear the latest satellite news on the ARRL Audio News http://www.arrl.org	

Via the amsat-bb mailing list at AMSAT.ORG courtesy of AMSAT-NA.
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From bounce-aprsnews-839@lists.tappr.org Sat Jan 1 11:11:43 2000
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id LAA29595
for <lyris.aprsnews@tappr.org>; Sat, 1 Jan 2000 11:11:43 -0600 (CST)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Sat, 1 Jan 2000 11:42:41 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Subject: [aprsnews] APRS Queue Tracking
Message-ID: <LYR839-57571-2000.01.01-11.27.15--
lyris.aprsnews@tappr.org@lists.tappr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <Pine.GSO.4.05L.10001011058580.9660-100000@arctic>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

Here is another potential APRS public service capability:

BACKGROUND: Annapolis MD has "1st Night" which consists of maybe 30 to 40 venues of things going on spread out over a 1/2 mile radius from the town center. You purchase a "Button" which gives you free admission to any of these events. Performances are typically 30 min each every hour from 6PM to midnight. They range from Music performances, Magic shows, Comedy, and kid activities suchs as making party hats and sand sculpture.

PROBLEM: While you could theoretically attend 6 of these 30 minute shows with 30 min walking and queing time between them, the success rate is more like about 2. With distances approaching a mile from one extreme to another, and not knowing where the crowds are, you aim for your favorite only to get there and find an hour line. So then you trek back to choice #2, having lost 30 minutes, only to find another line. Later you talk to some people and find that there were NO lines at X, Y and Z.

APRS SOLUTION: SInce the local HAM radio club normally mans a few HAM radio kiosks to show off HAM radio to the public, we could just as easily set up our PC's in several strategic locations. Then using APRS BULLETINS, and the APRS BULLETIN screens, we could easily convey to everyone the length of queues everywhere. Here is an example of how the APRSdos BULLETIN page would look:

```
W3ADO >BLN0 :LINE      10    15    20    25    30    35    40    45    50    55
```

```
WB4APR>BLN1 :*****
```

```
WB4APR>BLN2 :*****
```

```
WB4APR>BLN3 :*****
```

```
WB5APR>BLN4 :*****
```

```
WB5APR>BLN5 :No lines. View performance from street
```

```
WB5APR>BLN6 :*****
```

```
WB6APR>BLN7 :*****
```

```
WB6APR>BLN8 :*****
```

```
WB6APR>BLN9 :*****
```

```
WB6APR>BLN10:*****
```

```
WB6APR>BLN11:** Canceled **
```

And so forth. The BULLETIN screen would be almost self explanatory to the public. Here I have chosen BLN#'s to match the VENU Numbers. The public has a pamphlet showing the location of all venus by number. The APRS BULLETIN display remains consistent as each new update comes in because APRS sorts all BULLETINS on receipt. Thus when a new BLN7 comes in from station X, then it overwrites BLN7 on the screen. Thus, no matter when an update comes in, and no matter the order, the users are presented with a consistent, up-to-date display of this changing information.

You can hook up several monitors to each PC, or hook several PC's to each radio/TNC via the zip-lan to make this information more visible to the masses. This will show them that HAM radio is more than just talking on a radio. It has APPLICATIONS in today's PC world...

AND! And, on the maps you can place CIRCLE objects at each VENU showing the SIZE of the crowd. A LARGE circle means big crowds and a long wait, and a small circle might show a small line... THus, the MAPS come in handy too.

There is only one artificiality in your planning, and that is you must assign stations to the venu's alphabetically. This is because APRS also sorts by callsign. This is so it can adjust for different size bulletins and also so it can insert a blank line between different calls as shown above. In Annapolis, many venues are grouped as shown above, so that one station can report on several venus. For example, St Johns Collage has 3 or 4, the State House has 3 or 4, the Academy has 3 or 4, the big Catholic Church has 3 or 4, etc...

APRS was designed as a powerful tool for exchanging real-time information throughout an area. Not just tracking. Think outside that box...

de WB4APR, Bob

You are currently subscribed to aprsnews as: lyris.aprsnews@tapr.org
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org

From bounce-aprsnews-839@lists.tapr.org Sat Jan 1 11:26:34 2000
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id LAA00132
for <lyris.aprsnews@tapr.org>; Sat, 1 Jan 2000 11:26:34 -0600 (CST)
Message-ID: <LYR839-57574-2000.01.01-11.41.53--
lyris.aprsnews@tapr.org>
Date: Sat, 01 Jan 2000 12:28:22 -0500
From: Stan Horzempa <stanzepa@mail2.nai.net>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Accept-Language: en
MIME-Version: 1.0
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] ADMIN: APRS Hot Technology SIG
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <386E3933.F63FB9DF@ct2.nai.net>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Last year, TAPR created the HTAPRS SIG for discussion of the Kenwood TH-D7 transceiver. This year, there is a demand for a new SIG for the new Kenwood TM-D700A transceiver. In response to that demand, a new list has been created at OneList.

Here, at TAPR, we decided that rather than start another SIG, we are renaming the TAPR HTAPRS SIG as the "APRS Hot Technology SIG." HTAPRS will now be a place to discuss the latest and greatest in APRS goodies without having to create a new SIG each time a new product is introduced.

So, feel free to use the HTAPRS SIG to discuss the TM-D700A, as well as any new APRS products that comes down the pike in the future.

73,

Stan, WA1LOU, APRS/HTAPRS SIG Administrator

You are currently subscribed to aprsnews as: lyris.aprsnews@tapr.org
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org

From bounce-aprsnews-839@lists.tapr.org Sat Jan 1 11:28:15 2000
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id LAA00252
for <lyris.aprsnews@tapr.org>; Sat, 1 Jan 2000 11:28:13 -0600 (CST)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Sat, 1 Jan 2000 12:04:51 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: jeffb@espi.com, kb2ici@amsat.org, kf4fdj@amsat.org,
TAPR APRS Special Interest Group <aprssig@tapr.org>, aprsnews@tapr.org
Subject: [aprsnews] APRSdos bug, all versions?
In-Reply-To: <m124DVj-000Q7yC@nevets.oau.org>
Message-ID: <LYR839-57579-2000.01.01-11.43.42--lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GSO.4.05L.10001011154010.9660-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Geoffrey Dick WA4IKQ has discovered a problem with APRSdos in all of its
SYSTEM\INITxxx.TNC files.

Apparently, PACLEN is set to 128. This should be set to PACLEN 0.

THIS causes the LINE NUMBER of a MESSAGE to be truncated if it is too long
and has a long path. THUS, the line is never ACKED by the recipient!
Wow, I cannot believe we have not noticed this before... I would have
sworn that PACLEN was 0 in all my files, but it ain't... ARGH...

In your Local area, *one* APRSdos person should send out the following
message, to make sure everyone gets the word:

TO: DOS :Pse change PACLEN from 128 to 0 in all SYSTEM\INIT files.

This will get to all APRSdos users on the air...

Thanks..

Bob, WB4APR

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To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org

From bounce-aprsnews-839@lists.tapr.org Sun Jan 2 10:21:25 2000
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id KAA02220
for <lyris.aprsnews@tapr.org>; Sun, 2 Jan 2000 10:21:23 -0600 (CST)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Sun, 2 Jan 2000 11:00:06 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: aprssig <aprssig@tapr.org>, aprsnews@tapr.org
Subject: [aprsnews] Re: [aprssig] APRSdos bug, all versions?
In-Reply-To: <002401bf54d7\$606fba60\$212af2d1@espi.com>
Message-ID: <LYR839-57727-2000.01.02-10.33.39--
lyris.aprsnews@tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.10001021050340.19107-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

On Sat, 1 Jan 2000, Jeff Brenton wrote:

> By the way.... It REALLY isn't 100% imperative that _DOS_ users have
> PACLEN 0 set; it only affects TRANSMISSIONS, and I don't see many
> instances when DOS APRS would send more than 128 bytes of data...

ARGH! You are right. APRSdos will never send a packet that long!
Whereas SCREEN LENGTH can really screw up long "received" packets, PACLEN
is NOT affected by the length of the path. Thus, my posting was in error.

There is nothing wrong with PACLEN 128. Sheesh... :-(

Bob

You are currently subscribed to aprsnews as: lyris.aprsnews@tapr.org
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org

From bounce-aprsnews-839@lists.tapr.org Sun Jan 2 10:40:09 2000
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id KAA02826
for <lyris.aprsnews@tapr.org>; Sun, 2 Jan 2000 10:40:08 -0600 (CST)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Sun, 2 Jan 2000 11:37:49 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: aprssig <aprssig@tapr.org>, aprsnews@tapr.org
Subject: [aprsnews] Re: [aprssig] APRSdos bug, all versions?
In-Reply-To: <LYR1106-57727-2000.01.02-10.33.39--
BRUNINGA#NADN.NAVY.MIL@lists.tapr.org>
Message-ID: <LYR839-57741-2000.01.02-10.55.41--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.10001021131440.19107-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

On Sun, 2 Jan 2000, Bob Bruninga wrote:

> ARGH! You are right. APRSdos will never send a packet that long!
> PACLEN is NOT affected by the length of the path. Thus, my posting was
> in error. There is nothing wrong with PACLEN 128 in APRSdos. Sheesh...

Which gets us back to Geoffery's original observation that some ACKS for some WinAPRS messages appear to not be transmitted back to the WinAPRS originator from APRSdos.. So if anyone can confirm or help nail down this possible problem, let us know... what you see.

Bob

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To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org

From bounce-aprsnews-839@lists.tapr.org Mon Jan 3 09:20:15 2000
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id JAA06553
for <lyris.aprsnews@tapr.org>; Mon, 3 Jan 2000 09:20:10 -0600 (CST)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Mon, 3 Jan 2000 08:29:50 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: TAPR APRS Special Interest Group <aprssig@lists.tapr.org>,
aprssig <aprssig@tapr.org>, aprsnews@tapr.org
Subject: [aprsnews] Re: [aprssig] Re: APRSdos bug, all versions?
In-Reply-To: <Pine.SUN.3.96.1000102223011.26507B-100000@sunspot.tiac.net>
Message-ID: <LYR839-57963-2000.01.03-09.35.45--
lyris.aprsnews@tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GSO.4.05L.10001030827520.8378-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

On Sun, 2 Jan 2000, Richard Amirault wrote:

> > > By the way.... It REALLY isn't 100% imperative that _DOS_ users have
> > > PACLEN 0 set; it only affects TRANSMISSIONS, and I don't see many
> > > instances when DOS APRS would send more than 128 bytes of data...
> >
> > ARGH! You are right. APRSdos will never send a packet that long!
>
> Are you sure?? It may not *start* out that long, but with someone with an
> over ambitious WIDEn,n it may very well end up that long. Up here in
> Boston I've seen a couple of stations come by the bottom of my APRSDox WX
> screen that were too long to accept.

No, PACLEN only affects the data in the packet, and not the full length including the path. Thats where I erred. Thus PACLEN 128 is not a problem. But SCREENLENGTH is definately a problem, since it wraps around on a lenght that includes the header.. Thus SCRNL must be 0...

bob

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To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org

From bounce-aprsnews-839@lists.tapr.org Wed Jan 5 12:27:44 2000
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id MAA12283
for <lyris.aprsnews@tapr.org>; Wed, 5 Jan 2000 12:27:40 -0600 (CST)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Wed, 5 Jan 2000 12:59:26 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] APRSdos 845 Release
Message-ID: <LYR839-58417-2000.01.05-12.43.21--
lyris.aprsnews@tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.10001051252490.17744-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Two files posted on TAPR.ORG in aprssig/dosstuff/APRSdos area:

APRS845.zip Full release. Standard distribution
AMAX845.zip Optional AMAX845.exe for >210 stations

Improvements and fixes:

- 1) Decodes TMD700 Altitude and displays on 3D maps
- 2) Fixes /A=123456xxx Bug

- 3) Improved ACK processing for rapid QSO exchanges
- 4) INITxxx.TNC files changed to PACLEN=0 to solve IGATE truncation
- 5) Fixed TELEMETRY PAGE Scrolling
- 6) Added GPWPL to NMEA processing so you can monitor THD7 or TMD700 posits while radio remains in APRS mode.

Enjoy!

de WB4APR, Bob

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To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org

From bounce-aprsnews-839@lists.tapr.org Fri Jan 7 13:40:25 2000
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id NAA20059
for <lyris.aprsnews@tapr.org>; Fri, 7 Jan 2000 13:40:24 -0600 (CST)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Fri, 7 Jan 2000 14:12:01 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] [aprssig] 10m QSY AGAIN.
Message-ID: <LYR839-58933-2000.01.07-13.56.13--
lyris.aprsnews@tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.10001071410320.13960-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

TODAY I moved the Mid-Atlantic APRS feed to 28.189 LSB 1200 baud. Sorry for the bouncing around. I am averaging about a packet every 5 to 10 seconds... This frequency should be good!

My Change to 28.187 yesterday was no good, since there was a BBS there.

28.189 MHz LSB is now it... Remember, you can use ANY VHF TNC on 10m with your \$139 Radio SHack 10m rig...

de WB4APR

You are currently subscribed to aprsnews as: lyris.aprsnews@tapr.org
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org

From bounce-aprsnews-839@lists.tapr.org Fri Jan 7 18:08:03 2000
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id SAA02951
for <lyris.aprsnews@tapr.org>; Fri, 7 Jan 2000 18:08:01 -0600 (CST)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
X-Sender: mcmusick@mail.anet-stl.com
Message-Id: <LYR839-58973-2000.01.07-18.23.48--
lyris.aprsnews@tapr.org@lists.tapr.org>
Date: Fri, 7 Jan 2000 16:56:16 -0600
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: Mike Musick <mcmusick@anet-stl.com>
Subject: [aprsnews] Darker USA Map for pocketAPRS
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <v04011700b49c1e6c6486@[209.145.180.68]>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

In response to several requests for a darker version of the North America map released with pocketAPRS v1.03:

<ftp://ftp.tapr.org//aprssig/palmstuff/palmmaps/USADARK.ZIP>

This should do the trick - lines are "full" black and not the Palm dark gray, which seems to have poor contrast on certain Palm models.

...mike/N0QBF

pocketAPRS - APRS for the Palm Connected Organizer

Website: <http://www.pocketaprs.com>

Application: <ftp://ftp.tapr.org//aprssig/palmstuff/palmaprs/pcktaprs.zip>
Map Files: <ftp://ftp.tapr.org//aprssig/palmstuff/palmmaps/>

You are currently subscribed to aprsnews as: lyris.aprsnews@tapr.org
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org

From bounce-aprsnews-839@lists.tapr.org Sat Jan 8 09:54:24 2000
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id JAA15149
for <lyris.aprsnews@tapr.org>; Sat, 8 Jan 2000 09:54:22 -0600 (CST)
Message-Id: <LYR839-59059-2000.01.08-10.10.08--
lyris.aprsnews@tapr.org>
X-Sender: plkilroy@pop700.gsfc.nasa.gov
Date: Sat, 08 Jan 2000 09:15:57 -0500
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: Pat Kilroy <pat.kilroy@gsfc.nasa.gov> (by way of Pat Kilroy
<pat.kilroy@gsfc.nasa.gov>)
Subject: [aprsnews] AMSAT-DC Meeting & Space Seminar Announced
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <3.0.5.32.20000108091557.00907100@pop700.gsfc.nasa.gov>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk
Content-Transfer-Encoding: 8bit
X-MIME-Autoconverted: from quoted-printable to 8bit by tapr.org id JAA15149

AMSAT-DC MEETING ANNOUNCEMENT

All space enthusiasts and amateur satellite operators are invited to the next Maryland-DC area AMSAT Meeting and Space Seminar. This includes students, teachers, parents and all Amateur Radio operators too! The gathering will take place on Sunday, April 2, 2000, starting at 1:00 p.m. EDT in the auditorium of the beautiful Visitor Center at the NASA Goddard Space Flight Center in Greenbelt, Maryland.

All topics at the seminar relate to the amateur space program, Amateur Radio, high-altitude balloon experiments, telemetry, homebrew electronic projects, and similar fun with technology.

The format is a combination of presentations, informal "show 'n' tell" demonstrations and a social period. The first presentations and the keynote address are designed to be especially valuable to beginners. All aspects of this seminar are brought to you by unpaid, uncompensated volunteers. The high quality of past seminars have received excellent reviews. The entire afternoon will be great fun!

Informal talk-in is on WA3NAN/R 146.835 MHz Greenbelt, Md.

Changes and the latest meeting developments are posted on the "Local Maryland-DC Area AMSAT Web Page" at <http://garc.gsfc.nasa.gov/~simsat/ssamsatdc.html>.

The GSFC Visitor Center will be open to the public on this day between 9:00 a.m. and 4:00 p.m. Visitors can enjoy a walking tour of the Hubble Space Telescope Operations Control Center and the NASA Communications (NASCOM) Center at 11:00 a.m. (4th grade and above, approximately 1 hour) or the model rocket launches at 1:00 p.m. (all ages).

The Educator's Resource Center (ERC) on the VC upper floor is also available to those gathering materials for students and the classroom. Free paved parking. For additional Visitor Center information please call 301-286-8981 or go to the web site <http://pao.gsfc.nasa.gov/vc/vc.htm>.

For a map and directions go to <http://pao.gsfc.nasa.gov/gsfc/welcome/gsfcmap/gsfcmap.htm>.

There will be a special tour of the Goddard Amateur Radio Club station WA3NAN, "Voice of the Space Shuttle Retransmissions" at 12 noon originating at the club site. Visit <http://garc.gsfc.nasa.gov/www/garc-home-page.html>.

Donations will be accepted to offset the associated seminar costs. Each AMSAT member attending donates in one or more ways by helping to:

1. Plan presenters, presentations and activities.
Advertise.
2. Monitor the 146.835 repeater for talk-in during any

period starting before 11 a.m. through an hour after the start of the seminar.

2. Set up the auditorium perimeter shortly after 12 noon.
3. Bring a "show 'n' tell" item to demonstrate at a table.
4. Act as a greeter at the door of the auditorium for sign-in, name badge writing, welcoming, etc.
5. Bring a beverage or some munchies to share.
6. Act as a speaker timekeeper for the host.
7. Take notes and then mail a summary to amsat-dc@amsat.org within about a week or so.
8. Act as our official photographer or videographer.
9. Recognize a need and jump in to take action.
10. Move chairs and tables back and clean up.
11. Arrange a good place for a group to dine immediately afterwards for those who wish to participate.
12. Develop an AMSAT-DC scrapbook; collect and share materials on meeting topics, people and activities for historical record and one's appreciation.

This meeting is open to all. Please spread the word.

For APRS users, the meeting place coordinates are roughly 38° 59' 34.8" N, 76° 50' 48.8" W.

The gathering is scheduled to end at 4 p.m. In the past, the Goddard security officers have allowed us to drag out the ending a little while longer. Please be flexible.

Pat Kilroy
wd8laq@amsat.org

/EX

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Greenbelt, Maryland 20771         Web:    http://sspp.gsfc.nasa.gov
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Visit SimSat website at <http://garc.gsfc.nasa.gov/~simsat>

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To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org

From bounce-aprsnews-839@lists.tapr.org Wed Jan 19 12:20:49 2000
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id MAA23975
for <lyris.aprsnews@tapr.org>; Wed, 19 Jan 2000 12:20:45 -0600 (CST)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Tue, 18 Jan 2000 13:39:47 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] APRSdos version 846
Message-ID: <LYR839-61491-2000.01.19-12.37.05--
lyris.aprsnews@tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.10001181024120.891-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Some exciting new features in the latest released APRSdos(846):

- 1) Can transmit selected stations for display on stand-alone Tracker's GPS displays. An all new capability for APRS! See details below.
- 2) Now identifies HF stations on the D-Page and supports JUST-HF sorting on all pages (HEARD, DIGIPATH, and POSITIONS)
- 3) Improved RESOURCES PROMPTS for sending "resource" data to the DX LIST in Kenwood radios. (Ideas on how to use these lists?)
- 4) XMIT-MSG command now resets schedule timer, so you can un-stick a stuck message, instead of just a one-time re-try.
- 5) Added capability to parse WX from a dual port KPC-3 or Pico with a PEET Bros WX station on the GPS port. This is UNtested since I do not have such an arrangement. Feedback welcomed.
- 6) Improved ACK processsing for more rapid turnaround in dialogs.

WAYPOINT DETAILS: Just like the Kenwood radios, now any stand-alone Tracker can display special received stations and objects on its attached GPS if the station/object is transmitted on the air in the NMEA WPL format. APRSdos allows you to mark any VIP or special event station on the P-LIST to be transmitted over the air in this format.

Note that only one station at an event needs to do this as a service to all Trackers on frequency. Also, since this doubles the number of posits for these selected stations, this feature should only be used sparingly and as needed or it will add too much duplicative QRM.

*** CAUTION *** A related function permitting APRSdos to "accept" waypoints from the GPS port of a Kenwood radio was added to APRS845. This means, those stations will also receive these Waypoint stations off-the-air too and will create duplicate posits. For this reason the capture of WAYPOINTS off-air is now selectable in the CONTROLS-FILTERS menu or in the alt-S-MODES-WAYPOINTS command.

*** WARNING *** And unfortunately, there is a bug in the 845 waypoint code, so it will actually cause an error. Thus, all users of 845 need to upgrade... Sorry...:-(

de WB4APR, Bob

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From bounce-aprsnews-839@lists.tapr.org Fri Jan 21 17:58:01 2000
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id RAA10283
for <lyris.aprsnews@tapr.org>; Fri, 21 Jan 2000 17:57:59 -0600 (CST)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Fri, 21 Jan 2000 17:17:27 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] APRStk for satellites
Message-ID: <LYR839-61927-2000.01.21-17.54.28--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>

List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.10001211702040.424-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

APRStk for Satellites,

For fun, I just added satellite tracking to APRSdos. It will show you a window across the bottom of the screen showing you the next 3 hours of passes and it plots the satellites on the maps. New commands are:

- 1) OPS-SATS. Displays the window noted above showing passes and EL's
- 2) OPS-PREDICT. Runs forward in fast-time to show where they are going

Other than that, they are treated as any other object on the maps. You can SELECT them and do OPS-RANGE to see range and bearing, etc...

I posted APRStk.ZIP to <ftp://tapr.org/aprssig/dosstuff/APRSdos>

and when unzipped it contains APRStk.EXE and LEO.ORB which both must go into your existing APRS directory (with previously installed APRSxxx). It is like APRSxxx.exe in that it can only handle 100 other stations, but I had to make room... For 2 years, I had been trying to talk Steve Dimse into distributing SATELLITE posits to RF everywhere via APRServe, but he objects. So I give up, and just added it to APRSdos...

The amazing thing is when you run it, you find that there are satellites over your QTH most of the time. We got LOTS of satellites up there.

de WB4APR, Bob

P.S. I only included the digital satellites in the ORB file, so there are actually 4 more active birds... RS's and FO's...

This is just a beta, and I used Dec 31, 1999 keps just to avoid the Y2K problems. For now, you will have to hand edit LEO.ORB and use a date of 100 instead of 99 if you want to update them and keep them current...

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To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org

From bounce-aprsnews-839@lists.tappr.org Thu Jan 27 18:32:18 2000
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id SAA06874
for <lyris.aprsnews@tappr.org>; Thu, 27 Jan 2000 18:32:17 -0600 (CST)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Thu, 27 Jan 2000 18:00:52 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tappr.org>
cc: aprsnews@tappr.org, htaprs@tappr.org
Subject: [aprsnews] APRStk Tracking program
Message-ID: <LYR839-62930-2000.01.27-18.25.51--
lyris.aprsnews@tappr.org@lists.tappr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <Pine.GSO.4.05L.10001271634590.20054-100000@arctic>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

With 4 new HAM satellites launched last night, and "potential" for mobile satellite communications using the new Kenwood 1200/9600 baud DATA radio, I added satellite tracking to APRS so you can not only see all your buddies on the map, but the satellites as well..(they're everywhere).

APRStk has these new commands for satellite displays:

OPS-SATS	Draws a time line showing the next 2.5 hrs of passes
OPS-PREDICT	Goes faster than real time to see satellite movement
INPUT-KEPS	Allows you to update your KEPS from a text file (Y2K-OK)
INPUT-TIME	Moves forward in TIME for another 2.5 hour view
LIST-KEPS	Lets you see what satellite KEPS are loaded
LIST-FREQS	Shows a table of operating frequencies for all birds
F1-HELP	Gives a help file
alt-S-REDRAW	On faster machines, will update the OPS-SATS time line with every map re-draw

APRStk also uses the new APRS compressed format so that positions take only 13 bytes for complete LAT/LONG/CSE/SPD to the nearest foot anywhere on the globe. Thus a complete 1200 baud POSITION/STATUS report takes less than 0.3 seconds.

APRStk can also uplink the moving satellites as objects on the air so

others in your area can see the satellites on their APRS maps too.

Download APRStk from <ftp://tapr.org/aprssid/dosstuff/APRSdos/aprstk.zip>

This is a 200k EXE and satellite files only. It must be loaded into an existing APRS directory with the other 1meg of map support, etc... If you need a full install, then get the file [aprs846.zip](#) from the same site. In BOTH cases, install them with PKUNZIP -D into your APRS directory (or use WinZIP) to get the proper directory structure...

Enjoy.

de WB4APR, Bob

To see the ASTARS concept <http://web.usna.navy.mil/~bruninga/astars.html>

P.S. If you are new to APRS, you must do the following as a minimum for satellites to be in the right place:

- 1) Put yourself on the map with the INPUT-MY-POSIT command
- 2) Set the correct Time Zone during start up or using alt-S-OTHER-ZONE
- 3) Have correct PC time
- 4) Zoom the map to any scale using the PG-UP/DN keys

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From bounce-aprsnews-839@lists.tapr.org Fri Jan 28 10:05:55 2000
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id KAA20203
for <lyris.aprsnews@tapr.org>; Fri, 28 Jan 2000 10:05:54 -0600 (CST)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Fri, 28 Jan 2000 10:57:01 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] APRS School Club R0undup?
Message-ID: <LYR839-63042-2000.01.28-10.02.42--
lyris.aprsnews@tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>

List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.10001281046040.28555-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

14th Annual SCR - February 14-18, 2000 (tentative)
Maximum operating times: 6 hours/day; 24hours total

This week is a good time to set up an APRS station in a school and show the kids something. If you are going to do this, I recommend that you add "KIDS" to your APRS MESSAGE GROUPS so that you can simply send a message to KIDS and then everyone else in the world with the same MSG GROUP entry, will CAPTURE the message...

Well... thats the way it is supposed to work. But there are some quirks in the system needing some workarounds:

- 1) WinAPRS does not yet have MSG GROUPS implemented
- 2) Such messages will go into APRServe, but wont come out, because they dont see a callsign.

WORKAROUND:

- 1) Be sure that someone somewhere in your area transmits a packet once every half hour or so FROM the AX.25 MYCALL of "KIDS". This will tell the local IGATE that there are "KIDS" in its local RF area...

This is what we did for CQ-FD a few years back...

- 2) In WinAPRS, still SEND your message to KIDS, but then just watch the MESSAGE list for any other stations or replies. In all cases, you wont get any ACKS, because its a group message, so you can only have ONE of these outstanding at a time...

- 3) Do it on APRServe directly, but then hey, where is the radio in amateur radio????? And it will just be another "chat room" to them... Well, at least you can track some interesting vehicles....:-)

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To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org

From bounce-aprsnews-839@lists.tappr.org Fri Jan 28 13:18:03 2000
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id NAA27044
for <lyris.aprsnews@tappr.org>; Fri, 28 Jan 2000 13:18:03 -0600 (CST)
Message-ID: <LYR839-63071-2000.01.28-13.14.46--
lyris.aprsnews#tappr.org@lists.tappr.org>
Date: Fri, 28 Jan 2000 10:56:55 -0800
From: Richard Allen <rallen@svn.net>
X-Accept-Language: en,pdf
MIME-Version: 1.0
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Subject: [aprsnews] Re: APRStk Tracking program
References: <LYR1451-62930-2000.01.27-18.25.51--RALLEN#SVN.NET@lists.tappr.org>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <3891E677.60C422F@svn.net>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

Thanks a lot Bob. Is there a good site for a beginner to satellite and the Kenwood radio setup and use? Antennas, etc. I have used tracking programs; but, I have never communicated with the sats. I had not even thought about this added feature of the Kenwood. What a bonus!

73/Richard
KE6TNA

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To unsubscribe send a blank email to leave-aprsnews-839E@lists.tappr.org

From bounce-aprsnews-839@lists.tappr.org Fri Jan 28 13:31:59 2000
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id NAA27567
for <lyris.aprsnews@tappr.org>; Fri, 28 Jan 2000 13:31:58 -0600 (CST)
Message-ID: <LYR839-63077-2000.01.28-13.28.45--
lyris.aprsnews#tappr.org@lists.tappr.org>
From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
To: "APRS Announcements" <aprsnews@lists.tappr.org>

Subject: [aprsnews] ADMIN: Replying to APRSNEWS
Date: Fri, 28 Jan 2000 13:31:57 -0600
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <1B66FFC6BE1CD211A0620008C7A42AC20113879B@MRDNEXCH01>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

Please...

Do not REPLY to APRSNEWS.

Instead, send replies to the originator of the message, i.e., the email address in the FROM: field.

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From bounce-aprsnews-839@lists.tappr.org Sat Jan 29 21:29:28 2000
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id VAA11437
for <lyris.aprsnews@tappr.org>; Sat, 29 Jan 2000 21:29:27 -0600 (CST)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Sat, 29 Jan 2000 18:09:05 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tappr.org>
cc: amsat-bb@amsat.org
Subject: [aprsnews] Satellites Everywhere
Message-ID: <LYR839-63361-2000.01.29-21.26.15--
lyris.aprsnews#tappr.org@lists.tappr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <Pine.GS0.4.05L.10001291529060.11344-1000000@arctic>

Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Let me first appologize for my exuberance! But... :-)

Now that I added satellite tracking into APRStk.exe I am amazed that there seem to be satellites overhead most of the day. For those APRS operators waiting for someone to drive through your map, the Satellites are THERE most of the time and they are moving... FAST!

I think maybe many hams might think that the only satellite they can work without special equipment is A027 FM voice. This is no longer true.

For the last year, for thousands of amateurs who have the Kenwood THD7 HT or TMD700 Mobile DATA radios, there are at least 11 satellites that you can receive with your Handheld or mobile! All you have to do is to be on the right frequency at the right time and set the internal TNC to 9600 baud. (and tune downward 5 KHz for doppler every few minutes).

I now carry a small 4 element beam with me almost everywhere I go. With it, I can work A027, or S035 or watch the downlink packets of any of the 9600 baud birds on the front panel of the mobile radio. No, I cant "work" any of them (yet) without a laptop, but just receiving them just about anywhere at any time with a handheld beam is to me the joy of amateur radio and inspires me to think about new applications. (I have motors on order for a car roof AZ rotator!)

YES, during an overhead pass (above say 40 degrees) you can even decode packets on your mobile WHIP antenna! But these only occur for a brief minute or so about twice a day per bird... But still, that is over a dozen passes a day to play... Or hold the small beam out the window, and see packets on any of 44 passes a day.

CAVEAT: I am including the 4 new satellites launched 2 days ago (not all of which may become fully operational)... and A027/S035 voice in the 11.

SUMMARY: Just dont overlook how easy it is these days to receive the 9600 baud downlinks with no muss-and-no-fuss....(only \$\$\$'s). And no matter where you are in the world, or how isolated, these satellites are there. And with the equipment in your car, even basement and apartment dwellers can play. I have a favorite hilltop about 1 minute from my house where I go to take low elevation passes... (I have nothing at home, though today, I copied A027 and one of the pacsats using the handheld beam INSIDE the house!)

With these Kenwood radios, any mobile with a small 18 inch beam can work the satellites. Its time to start taking advantage of this mobility.. I have posted a concept I call ASTARS to discuss the possibilities...

<http://web.usna.navy.mil/~bruninga/astars.html>

NOTE: The Kenwood radios are not perfect. Your mileage may vary. But being an all-in-one 9600 baud packet radio with display, is certainly a great tool for furthering the state of mobile amateur satellite operations.

SATELLITE TRACKING: I wrote APRStk to give a visual timeline of when passes are due over the next 2.5 hours and since the satellites are moving on the same APRS map as all the other APRS mobiles, it makes it easy to be aware of the constantly changing picture. An APRStk screen shot is on the above WEB page. (The .exe needs to be run within an existing APRSdos install)

By using APRStk on my old dos PC in the corner, I now always have a view to the local APRS activity AND any satellites in view! Unfortunately APRStk is kind of slow on an 8 MHz PC with no co-proc, but on anything faster, and with auto-REDRAW enabled, it will ALWAYS show you what is happening. Even if you are zoomed in too far on the map, to watch locals, if a satellite comes above 5 degrees, the MAP background will change color according to the elevation angle. If it turns RED, then the satellite is over 40 deg and you should hear it on an omni (with no coax losses).. or with coax and a pre-amp.

The neat part of the display is at the bottom, where it shows you graphically, the next 2.5 hours of passes coming up...

AND FINALLY! APRStk can send and receive updated KEPS over the air with only one key press. The idea will be that Satellite one-line keps will be transmitted one packet per hour on local APRS networks and thus, you will never have keps more than one day old!

de WB4APR, Bob

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From bounce-aprsnews-839@lists.tapr.org Sat Jan 29 21:31:07 2000
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id VAA11510
for <lyris.aprsnews@tapr.org>; Sat, 29 Jan 2000 21:31:05 -0600 (CST)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Sat, 29 Jan 2000 18:30:37 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: TAPR APRS Special Interest Group <aprssig@tapr.org>, htaprs@tapr.org
Subject: [aprsnews] ASTARS and APRStk.exe
In-Reply-To: <200001292037.0AA16796@us.networkcs.com>
Message-ID: <LYR839-63364-2000.01.29-21.27.53--
lyris.aprsnews@tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GSO.4.05L.10001291815220.13943-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Thanks to those of you that sent me the JPG and GIF files. I incorporated them into my ASTARS web page, described adnauseum in the previous EMAIL:

But if you didnt read it and want to cut to the screen shot, here'tis:

<http://web.usna.navy.mil/~bruninga/aprstk.gif>

Its a DOS screen of APRStk.exe, showing the 2.5 hour graphical time line of SATELLITES across the bottom. It shows each pass and the max elevation. Nice for knowing when to expect your favorite birds, without having to run a separate program...

If you have a THD7 or TMD700, you should consider a handheld beam to get maximum fun from your new radio! (The dual band ARROW is pricey, but is all-in-one). But since the uplinks work fine from the 2m whip, you need only the UHF beam on the downlinks (and a VHF/UHF diplexer to split the two).

Enjoy, Bob, Wb4APR

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From bounce-aprsnews-839@lists.tapr.org Mon Jan 31 15:32:24 2000
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id PAA02876
for <lyris.aprsnews@tapr.org>; Mon, 31 Jan 2000 15:32:23 -0600 (CST)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Mon, 31 Jan 2000 16:27:36 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: aprsnews@tapr.org, amsat-bb@amsat.org, htaprs@tapr.org
Subject: [aprsnews] APRS Telemetry from STENSAT
In-Reply-To: <LYR10461-63687-2000.01.31-14.29.56--
bruninga@nadm.navy.mil@lists.tapr.org>
Message-ID: <LYR839-63698-2000.01.31-15.29.15--
lyris.aprsnews@tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.10001311557550.12783-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Good news, bad news, good news....

THE GOOD NEWS:

> I am happy to report that the STENSAT telemetry was built from a
> modified APRS MIM and therefore the telemetry will be APRS decodable!
> So when the satellite is deployed on Wednesday, we should be able to

```
> capture it with your APRS software and more importantly with just your
> Kenwood integrated APRS Radios!
>
> de WB4APR,Bob
> -----
> From: Hank Heidt
> Cc: Assoc Prof Carl E Wick
>
> StenSat's telemetry should be APRS compliant.
>
> N4AFL-1>TELEM<UI C>: T#000,255,004,037,129,032,010 STENSAT PICOSAT
>
> where the Telemetry numbers are (in order):
> Sequence number - goes to 255, then rolls to zero
> Power supply monitor
> Current monitor
> Temp monitor
> 2.5 volt reference
> Current RSSI value
> Three light sensors (low value means light is striking the sensor):
> Light sensor values are (in order):
> Flat face (3 by 4 inches)
> Long side (1 by 4 inches)
> Short side (1 by 3 inches)
> -----
```

THE BAD NEWS:. The AX.25 destination call of TELEM they are using is not one of the generic APRS filters. SO most APRS software should ignore it.

THE GOOD NEWS: In the Kenwoods you can change the given UNPROTO or ALTNET call from APK001 to TELEM, to set your radio to operate with ONLY other stations using that ALTNET callsign and then your THD7 HT or TMD700 mobile radio should receive the STENSAT telemetry directly...

THE BAD NEWS: is that if you forget to return your ALTNET setting back to APK001 (for the HT) or APK101? for the mobile radio, then you wont copy any more packets on 144.39... SO dont forget!

Most other APRSversions have a switch where you can disable the front end ALTNET filters for special circumstances such as this...

Got my fingers crossed for the deploy!

de WB4APR, Bob

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id JAA14640
for <lyris.aprsnews@tapr.org>; Mon, 14 Feb 2000 09:57:19 -0600 (CST)
Message-Id: <LYR839-65936-2000.02.14-09.54.55--
lyris.aprsnews@tapr.org@lists.tapr.org>
Date: Mon, 14 Feb 2000 01:16:03 -0500 (EST)
From: wa4ikq@nevets.oau.org (Geoffrey Dick)
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] Orlando APRS Dinner on 2/12/2000
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <m12KEnj-000Q86C@nevets.oau.org>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Subject: ORLANDO APRS Dinner on Feb. 13, 2000

First, I want to thank Steve Dimse (K4HG), Keith Sproul (WU2G), Steve Bible (N7HPR), Warren Merkle (KD4ZDD), and Paul Drothler (W04U), for their fine presentations, and TAPR for their support to make this event a major success for a second year in a row.

We had 65 in attendance at the dinner. KD4ZDD presented his homebrew PIC GPS Display for a Motorola Encore GPS & MIC-E. W04U briefed us on ARES/RACES APRS activity in his home State of Tennessee. K4HG gave us a heads up on the 4th Annual Digital Communications Conference (DCC 2000) coming to Orlando on the 3rd week in September. Steve also gave us background and his efforts on loading 600K pages on the server @map.aprs.net to allow the aprs query feature to perform. WU2Z came equipped with two laptops, and his projection machine to brief us some new rotor track, and email lookup-from-callsign features on MacPARS and WinAPRS. His brother, Mark, is working on a lightweight directory at this time. Steve demonstrated the Kenwood TH-D7A with a new voice chip, and passed a few pointers and some cardboard lifesize photomockups of the new TM-700 mobile APRS radio display to "try for size" on our dashboards. N7HPR gave us a brief history of TAPR, which is a "member-supported research and development non-profit corporation". Like many of those present, I was surprised to learn that TAPR is not in Tucson, was incorporated in Arizona, and is now based in Texas. We also learned TAPR is a 'select' special interest group in amateur radio, having origins from IEEE. It now has

2000 members, 10% are overseas. Steve Bible also gave a user seminar on the PIC-E, showing how to program it for simple TNC functions to beacon weather station packets, or a tracker. The PIC-E has a 16F84 with flash memory that performs serial in, packet out. He also explained how the MIC-E contained additional features of activating though the microphone, and had convenient user switches to change beaconing. We were also shown PocketAPRS on a Palm IIIx. It now uses WinPARS maps. KC4MY and AE4KO took home TAPR CD door prizes. Nick, KF4BYA, Florida State student, won the grand door prize, a TAPR PIC-E. Nick told us afterward that he might let his Dad, KF4BXT, do assembly the kit, but he will have to program it.

We had a great weekend with superb weather, a good turnout of vendors, tailgates, and great crowd at Orlando HamCation(sm). This was the second time I could ever remember when the giant free parking area became so filled at the fairgrounds, that they had to open up the auxiliary soccer field to park cars on Saturday. Digital radio had good representation, with Keith manning the APRS booth, and Steve & Steve manning the TAPR booth, next to AMSAT. Bill Peet of Peet Bros made a wise choice this time with an expanded display area and a number of assistants to handle a romping business of selling weather stations. Kenwood was there with their giant commercial backdrop display of radios. By 3pm Saturday, all of the dealers at the hamfest sold their entire inventory of the new TM-D700.

My only criticism of the dinner forum is we had to endure the sounds of the restaurant, in a semi-enclosed conference room. The food, service, and comfortable seats seemed to compensate for this slight inconvenience. If we do this again, I will try to remember to bring a PA system of some type.

Geoffrey Dick, wa4ikq@nevets.oau.org

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id TAA10544

for <lyris.aprsnews@tapr.org>; Fri, 18 Feb 2000 19:47:23 -0600 (CST)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Fri, 18 Feb 2000 19:47:14 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: amsat-bb@amsat.org
Subject: [aprsnews] APRStk ver K04 posted
Message-ID: <LYR839-66595-2000.02.18-19.45.06--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.10002181938330.6982-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

APRStk combines APRS monitoring, Satellite Tracking, and Automatic radio tuning for the Kenwood data radios so your old DOS PC in the corner can keep you informed of everything that is going on on your local APRS frequency and any of the digital or FM satellites.

This latest version K04 fixes the bug that limited automatic tuning to only the HT. Now either the handheld THD7 or the TM-D700 can be used.

de WB4APR

Normal upgrade: ftp://tapr.org/aprssidg/dosstuff/APRSdos/astk-exe.zip
Complete install: ftp://tapr.org/aprssidg/dosstuff/APRSdos/aprstk.zip

Always install with PKUNZIP -dn or WinZIP.

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From bounce-aprsnews-839@lists.tappr.org Tue Feb 22 11:58:10 2000
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id LAA24120
for <lyris.aprsnews@tappr.org>; Tue, 22 Feb 2000 11:58:07 -0600 (CST)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
X-Sender: mcmusick@mail.anet-stl.com
Message-Id: <LYR839-67267-2000.02.22-11.55.57--
lyris.aprsnews#tappr.org@lists.tappr.org>
Date: Tue, 22 Feb 2000 11:53:39 -0600
To: "APRS Announcements" <aprsnews@lists.tappr.org>
From: Mike Musick <mcmusick@anet-stl.com>
Subject: [aprsnews] Important Palm/Visor News
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <v04011700b4d877595099@[209.145.180.32]>
<LYR9466-67190-2000.02.22-00.00.16--mcmusick#anet-stl.com@lists.tappr.org>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

Three items important to the pocketAPRS users in the crowd:

Palm IIIc Announced Today

=====

The IIIc is the first color Palm. Slightly taller (1/4") than a regular Palm III, the IIIc also features a rechargable battery and 8MB of RAM, plus a new Palm OS, v3.5. Price is \$449, but a few web discounters are in the \$390 range. Availability is the second week of March.

I had the good fortune to be invited to a developer preview of the IIIc a few weeks ago (sorry to be mum 'til now - I was bound by a Non-Disclosure Agreement). The display quality is outstanding, and a special color version of pocketAPRS ran with no sweat.

The great thing for APRS users about the IIIc is that it has the ability for fulltime external power without a lot of hystronics. Power supply is a "normal" 5VDC, and all regulation for handling the rechargable battery is built into the device itself (and not externally like it is on the Palm V!). Battery life running pocketAPRS is expected to be very close to the Palm V, at 9-12 hours per charge.

Primary remaining question is how readable the display will be in full sun.

We weren't allowed to wander outside with 'em. ;-)

At the moment it looks like there will have to be a separate version of pocketAPRS for OS 3.5 Palms. It appears that there is no way to combine the grayscale functions of the OS 3.0 to 3.3 devices with the grayscale and color functions of OS 3.5 into the same program. Grayscale was not "officially" supported in Palms before OS 3.5, and now comes time to pay the piper for doing it anyway.

US Map with Interstates

=====

With a big "Thanks!" to Brent Bolen, N6GPS, we now have a new map of the US which includes the Interstate highway system. It is available at:

<ftp://ftp.tapr.org//aprssig/palmstuff/palmmaps/USIROADS.ZIP>

The map will look a little "clunky" at the full view due to a poor decision on my part about line drawing; this will be corrected in the next version of the program.

Making the Handspring Visor Work with RS-232

=====

The research of several Visor users has been combined into an information page with diagrams and illustrations:

<http://www.pocketaprs.com/visor.html>

My sincere thanks to everyone who unselfishly committed time and resources to solve this trying little puzzle.

...mike/N0QBF

pocketAPRS - APRS for the Palm Connected Organizer

Website: <http://www.pocketaprs.com>

Application: <ftp://ftp.tapr.org//aprssig/palmstuff/palmaprs/pcktaprs.zip>

Map Files: <ftp://ftp.tapr.org//aprssig/palmstuff/palmmaps/>

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id JAA20702
for <lyris.aprsnews@tapr.org>; Wed, 23 Feb 2000 09:12:07 -0600 (CST)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Wed, 23 Feb 2000 10:04:51 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] Satellites
Message-ID: <LYR839-67545-2000.02.23-09.09.47--
lyris.aprsnews@tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GSO.4.05L.10002230943250.7207-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

New Satellite Excitement for the Mobile FM or APRS Traveler/user.

1) SUNSAT is now transitting a pre-recorded VOICE on 145.825 during todays passes. The signal is dead full quieting on any 2m FM receiver. Next (last pass) is at 23:32 EST (20:32 PST) tonight (wed).

2) UO-14 was enabled for VOICE just like AO-27 last night. So add it to your tracking list. Uplink is 145.975 and downlink is 435.070 FM! This triples the on-orbit FM satellite voice capabilities.

3) If you have 9600 baud APRS capability (either of the kenwood radios), contact me for additional APRS details...

If you use APRStk, then you will need to use an editor to copy/add A014 to your LEO.ORB file.. Just copy any satellite in the file, and change its name to U014 and object number to 20437. Then run APRStk and do

INPUT-KEPS-2 to update from a NASA file. Then let it read THIS email and it will update A014. Here are the keps for A014 it will find:

U0-14

```
1 20437U 90005B 00045.20267328 .00000444 00000-0 18722-3 0 5170
2 20437 98.4275 116.2738 0010114 221.5545 138.4850 14.30322319525146
```

All of these satellites demonstrate how easy it is to operate satellites mobile. I hope it is a trend that will help the mobile APRS traveler...

de WB4APR, Bob

DETAILS: If you are new to satellites, remember the excitement here is that a mobile has no significant coax loss, and so needs no preamps. Thus you can hear better than any home station, and for satellites you dont need to be on a hill! Your HT in your hand will hear much better than any radio in your shack (without preamps that is)...

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From bounce-aprsnews-839@lists.tapr.org Thu Feb 24 07:29:29 2000

Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])

by tapr.org (8.9.3/8.9.3/1.13) with SMTP id HAA19917

for <lyris.aprsnews@tapr.org>; Thu, 24 Feb 2000 07:29:28 -0600 (CST)

Message-ID: <LYR839-67716-2000.02.24-07.27.31--

lyris.aprsnews#tapr.org@lists.tapr.org>

From: "Thomas Perry" <kd4ufd@earthlink.net>

To: "APRS Announcements" <aprsnews@lists.tapr.org>

References: <LYR14647-67545-2000.02.23-09.09.47--kd4ufd#arrrl.net@lists.tapr.org>

Subject: [aprsnews] Re: Satellites

Date: Wed, 23 Feb 2000 17:38:06 -0800

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

X-Priority: 3

X-MSMail-Priority: Normal

X-MimeOLE: Produced By Microsoft MimeOLE V5.00.2314.1300
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <00ac01bf7e67\$cdb53780\$4219f4d8@computer>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

What news do you have for the TM-D700A???

----- Original Message -----

From: Bob Bruninga <bruninga@nadn.navy.mil>
To: APRS Announcements <aprsnews@lists.tappr.org>
Sent: Wednesday, February 23, 2000 7:04 AM
Subject: [aprsnews] Satellites

> 3) If you have 9600 baud APRS capability (either of the kenwood radios),
> contact me for additional APRS details...

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From bounce-aprsnews-839@lists.tappr.org Tue Feb 29 12:32:10 2000
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id MAA07419
for <lyris.aprsnews@tappr.org>; Tue, 29 Feb 2000 12:32:07 -0600 (CST)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Tue, 29 Feb 2000 13:18:21 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tappr.org>
cc: TAPR APRS Special Interest Group <aprssig@tappr.org>, aprsnews@tappr.org
Subject: [aprsnews] Central America Maps (dos)
In-Reply-To: <4.2.0.58.20000223214634.00941250@globalnet.hn>
Message-ID: <LYR839-68598-2000.02.29-12.30.16--
lyris.aprsnews@tappr.org@lists.tappr.org>
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyriss Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tappr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <Pine.GS0.4.05L.10002291314150.14728-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

The Maps of Central America are now complete (APRSdos). The new posting includes a 512 mile overall map which gives some roads and labels at the larger scale to be useful until you zoom below 16 miles.

It is about 500K at <ftp://tappr.org/aprssi/gdossutf/APRSdos/camerica.zip>

If anyone decides to play with MAPFIX40 and improve the roads, labels, or whatever, please feed back changes to me. Thanks.

de WB4APR, Bob

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To unsubscribe send a blank email to leave-aprsnews-839E@lists.tappr.org

From bounce-aprsnews-839@lists.tappr.org Wed Mar 1 08:06:09 2000
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id IAA26951
for <lyris.aprsnews@tappr.org>; Wed, 1 Mar 2000 08:06:08 -0600 (CST)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Tue, 29 Feb 2000 18:01:07 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tappr.org>
cc: TAPR APRS Satellite Special Interest Group <aprssat@lists.tappr.org>
Subject: [aprsnews] APRStk version 6
In-Reply-To: <LYR15095-67830-2000.02.24-18.59.28--
BRUNINGA#NADN.NAVY.MIL@lists.tappr.org>
Message-ID: <LYR839-68731-2000.03.01-08.04.26--
lyris.aprsnews#tappr.org@lists.tappr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <Pine.GSO.4.05L.10002291744240.19931-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

I just posted a new APRStk for satellite tracking and radio tuning in APRS. If you are 9600 baud APRS capable or have either of the Kenwoods, then this program for the APRS satellites is for you. Differences from previous versions are:

- 1) Radio tuning is less jumpy. It should now only tune 4 or 5 times a pass instead of jumping around.
- 2) Added ANALYZE command which will plot a graph of packets per minute versus elevation angle. Makes it easy to observe your receiver downlink efficiency
- 3) Added select-X on the P list so that you can mark a satellite for transmit. This will reset your POSITION timers when the satellite comes into view.. Select-X will track and tune just like "T" will.
- 4) Fixed OPS-FIND so that it no longer interprets U022 as a grid square
- 5) Has latest KEPS up to Monday 28 Feb 2000

The UPGRADE file is ASTK-EXE.zip. If you don't have APRSdos already, then

you need to get APRS846.zip first. Here is the link:

<ftp://tapr.org/aprssid/dosstuff/APRSdos/astk-exe.zip>

Use the ANALYZE command after each pass to see if your radio is tuning at the right times, and at what angle you begin receiving the birds. Also you can see holes in the satellites antenna coverage when directly overhead or if it is tilted and off to one side, etc.

If you are manning a pass, then click the radio + or - to see how well the tuning is tracking..

I just changed K023's center freq to 435.172 instead of 175 to more closely match what the doppler tuning is trying to do... See if you agree...

Enjoy,

Bob, WB4APR

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From bounce-aprsnews-839@lists.tapr.org Thu Mar 2 08:31:12 2000
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id IAA26480
for <lyris.aprsnews@tapr.org>; Thu, 2 Mar 2000 08:31:11 -0600 (CST)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Thu, 2 Mar 2000 09:27:41 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: htaprs@lists.tapr.org
Subject: [aprsnews] APRS at the Scout Jamboree.
In-Reply-To: <000e01bf83fe\$685fbda0\$3915fed1@stumpf>
Message-ID: <LYR839-68853-2000.03.02-08.29.26--
lyris.aprsnews@tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <Pine.GS0.4.05L.10003020923370.24691-100000@arctic>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

Not too early to think about APRS at the Jamboree this summer. A few years ago I made detail trail maps of the entire Fort A.P.Hill area for the Jamboree (they are included in the APRSdos Emapsxx.zip distribution).

If any APRS users here on the SIG are into scouting and will be participating in the Jamboree, please consider joining the scout-radio SIG at scoutradio@onelist.com

Other topics are JOTA and FRS radios in support of scouting.

de WB4APR, Bob

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From bounce-aprsnews-839@lists.tappr.org Sun Mar 5 15:50:01 2000
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id PAA12299
for <lyris.aprsnews@tappr.org>; Sun, 5 Mar 2000 15:49:58 -0600 (CST)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Sun, 5 Mar 2000 16:41:00 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Subject: [aprsnews] APRS-Day in Germany (fwd)
Message-ID: <LYR839-69314-2000.03.05-15.48.25--
lyris.aprsnews@lists.tappr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>

List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.10003051633500.27808-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Andreas reports a great German APRS day. This is good news. Concidentally this week I had just received a long detailed message from one of the VIP's in AMSAT Germany saying that APRS would probably never catch on in Europe because they have much better packet systems there, and APRS has probably little to add.. (more on that later...)

Here is Andreas's announcement:
de WB4APR, Bob

Hello Bob,

I have organize a "German APRS-Day". On Saturday the 18.March.2000 from 14:00 UTC to 17:00 UTC many german station will be on the frequence 144.800 MHz. Seven station will installs digis on mountains in germany, every day there are more station which email me. I think over 50 stations emailed me that they will be on APRS on 18 March 2000. Some stations will gateway to www.aprs.net.

The "APRS-Day" was announced in Packet Radio Net, in Internet on the german APRS-Homepage (www.andypu.de/aprs) and by the weekly amateurs news every sunday.

At this time there are about 100 hits per day on my german APRS-webpage. Also i get about 10 to 20 emails per day from germany amateurs to answer APRS-Questions.

So it looks very good for APRS in Germany :-)

when you have time just have a look on www.aprs.net during 14:00 UTC and 17:00 UTC on 18. March 2000.

Bye
Andreas Puschendorf, DD1AAA

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id OAA10691
for <lyris.aprsnews@tapr.org>; Mon, 6 Mar 2000 14:05:11 -0600 (CST)

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

X-Sender: mcmusick@mail.anet-stl.com

Message-Id: <LYR839-69505-2000.03.06-14.03.43--

lyris.aprsnews@tapr.org>

Date: Mon, 6 Mar 2000 13:36:57 -0600

To: "APRS Announcements" <aprsnews@lists.tapr.org>

From: Mike Musick <mcmusick@anet-stl.com>

Subject: [aprsnews] pocketAPRS v1.05 Released

List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>

List-Software: Lyris Server version 3.0

List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>

List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>

X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>

Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>

X-Message-Id: <v04011700b4e9b5bca95b@[209.145.180.245]>

Sender: bounce-aprsnews-839@lists.tapr.org

Precedence: bulk

Now on the TAPR FTP is a new release of pocketAPRS (APRS for the Palm PDA).
Find it at:

<ftp://ftp.tapr.org//aprssig/palmstuff/palmaprs/paprs105.zip>

This version should "HotSync" over v1.00 and v1.03 with no compatibility problems.

Summary of changes from v1.03:

- Support for Palm OS 3.5 (Palm IIIc and IIIxe)
- Support for Palm IIIc (color display)
- Terminal window
- Performance improvements to map drawing and display
- Automatic map scrolling from local GPS redraws on reaching map edge
- "Find" silkscreen button changes map view to centered on your own station
- Support for map labels
- Program exit is allowed by using "Applications" silkscreen button
- Numerous improvements to map position control on zoom and redrawing
- Line widths scale with map view (narrower at large view areas)
- "Last Heard" added to station/object info display
- Your own station highlighted on station list
- Much improved serial port performance

and several bug fixes:

- TNC initialization much more consistent
- Too long AX.25 text lines no longer cause crash
- Fixed: map displayed wrong zoom value on returning from other windows
- Serious crash with manual RDF input fixed
- Numerous changes to internal structures for memory conservation and additional crash-proofing
- Several changes to transparently support Palm OS 3.0 to OS 3.5
- Handles "/" local time protocol

A remaining known bug is that tap controls on the map screen (particular zooming and location commands) sometimes operate erratically. This mysteriously appeared with OS 3.3 and is still being investigated.

This version has been tested on devices running Palm OS 3.0, 3.3 and 3.5, as well as operated in emulation under all OS's since 3.0. Hopefully all of the serious version-related problems have been duly swatted!

Please be aware that I will be offline for several days beginning 3/10, so if an unexpected bug proves unlivable, it is perfectly safe to downgrade and reload v1.03.

...mike/N0QBF

pocketAPRS - APRS for the Palm Connected Organizer

Website: <http://www.pocketaprs.com>

Application: ftp://ftp.tapr.org//aprssig/palmstuff/palmaprs/pcktaprs.zip
Map Files: ftp://ftp.tapr.org//aprssig/palmstuff/palmmaps/

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From bounce-aprsnews-839@lists.tapr.org Tue Mar 7 09:59:10 2000
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id JAA05059
for <lyris.aprsnews@tapr.org>; Tue, 7 Mar 2000 09:59:06 -0600 (CST)
Message-Id: <LYR839-69706-2000.03.07-09.57.32--
lyris.aprsnews@tapr.org@lists.tapr.org>
X-Sender: plkilroy@pop700.gsfc.nasa.gov
Date: Tue, 07 Mar 2000 10:20:47 -0500
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: Pat Kilroy <pat.kilroy@gsfc.nasa.gov>
Subject: [aprsnews] AMSAT-DC Meeting & Space Seminar Announced (Resent)
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <3.0.5.32.20000307102047.008ac920@pop700.gsfc.nasa.gov>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk
Content-Transfer-Encoding: 8bit
X-MIME-Autoconverted: from quoted-printable to 8bit by tapr.org id JAA05059

Date: Fri, 07 Jan 2000 16:40:03 -0500
From: Pat Kilroy <pat.kilroy@gsfc.nasa.gov>
Subject: AMSAT-DC Meeting & Space Seminar Announced

AMSAT-DC MEETING ANNOUNCEMENT

All space enthusiasts and amateur satellite operators are invited to the next Maryland-DC area AMSAT Meeting and Space Seminar. This includes students, teachers, parents and all Amateur Radio operators too! The gathering will take place

on Sunday, April 2, 2000, starting at 1:00 p.m. EDT in the auditorium of the beautiful Visitor Center at the NASA Goddard Space Flight Center in Greenbelt, Maryland.

All topics at the seminar relate to the amateur space program, Amateur Radio, high-altitude balloon experiments, [APRS], telemetry, homebrew electronic projects, and similar fun with technology.

The format is a combination of presentations, informal "show 'n' tell" demonstrations and a social period. The first presentations and the keynote address are designed to be especially valuable to beginners. All aspects of this seminar are brought to you by unpaid, uncompensated volunteers. The high quality of past seminars have received excellent reviews. The entire afternoon will be great fun!

Informal talk-in is on WA3NAN/R 146.835 MHz Greenbelt, Md.

Changes and the latest meeting developments are posted on the "Local Maryland-DC Area AMSAT Web Page" at <http://garc.gsfc.nasa.gov/~simsat/ssamsatdc.html>

The GSFC Visitor Center will be open to the public on this day between 9:00 a.m. and 4:00 p.m. Visitors can enjoy a walking tour of the Hubble Space Telescope Operations Control Center and the NASA Communications (NASCOM) Center at 11:00 a.m. (4th grade and above, approximately 1 hour) or the model rocket launches at 1:00 p.m. (all ages).

The Educator's Resource Center (ERC) on the VC upper floor is also available to those gathering materials for students and the classroom. Free paved parking. For additional Visitor Center information please call 301-286-8981 or go to the web site <http://pao.gsfc.nasa.gov/vc/vc.htm>

For a map and directions go to <http://pao.gsfc.nasa.gov/gsfcc/welcome/gsfccmap/gsfccmap.htm>

There will be a special tour of the Goddard Amateur Radio Club station WA3NAN, "Voice of the Space Shuttle Retransmissions" at 12 noon originating at the club site. Visit <http://garc.gsfc.nasa.gov/www/garc-home-page.html>

Donations will be accepted to offset the associated seminar costs. Each AMSAT member attending donates in one or more ways by helping to:

1. Plan presenters, presentations and activities.
Advertise.
2. Monitor the 146.835 repeater for talk-in during any period starting before 11 a.m. through an hour after the start of the seminar.
2. Set up the auditorium perimeter shortly after 12 noon.
3. Bring a "show 'n' tell" item to demonstrate at a table.
4. Act as a greeter at the door of the auditorium for sign-in, name badge writing, welcoming, etc.
5. Bring a beverage or some munchies to share.
6. Act as a speaker timekeeper for the host.
7. Take notes and then mail a summary to amsat-dc@amsat.org within about a week or so.
8. Act as our official photographer or videographer.
9. Recognize a need and jump in to take action.
10. Move chairs and tables back and clean up.
11. Arrange a good place for a group to dine immediately afterwards for those who wish to participate.
12. Develop an AMSAT-DC scrapbook; collect and share materials on meeting topics, people and activities for historical record and one's appreciation.

This meeting is open to all. Please spread the word.

For APRS users, the meeting place coordinates are roughly
38° 59' 34.8" N, 76° 50' 48.8" W.

The gathering is scheduled to end at 4 p.m. In the past, the Goddard security officers have allowed us to drag out the ending a little while longer. Please be flexible.

Pat Kilroy
wd8laq@amsat.org

/EX

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=====
Patrick L. Kilroy                                     WK
Integration & Test Lead Engineer   Phone: 301-286-1984
NASA Goddard Space Flight Center  Fax:    301-286-1673
Building 5, Mail Code 568         E-mail: pat.kilroy@gsfc.nasa.gov
Greenbelt, Maryland 20771         Web:    http://sspp.gsfc.nasa.gov
=====

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Visit SimSat at <http://garc.gsfc.nasa.gov/~simsat>

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id JAA05079
for <lyris.aprsnews@tapr.org>; Tue, 7 Mar 2000 09:59:29 -0600 (CST)
Message-Id: <LYR839-69707-2000.03.07-09.57.50--
lyris.aprsnews@tapr.org>
X-Sender: plkilroy@pop700.gsfc.nasa.gov
X-Priority: 2 (High)
Date: Tue, 07 Mar 2000 10:23:39 -0500
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: Pat Kilroy <pat.kilroy@gsfc.nasa.gov> (by way of Pat Kilroy
<pat.kilroy@gsfc.nasa.gov>)
Subject: [aprsnews] Tech Session at AMSAT-DC Meeting April 2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <3.0.5.32.20000307102339.00845e50@pop700.gsfc.nasa.gov>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Resent from last month. Pse RSVP. Tnx, Pat WD8LAQ.

TECH SESSION AT AMSAT-DC MEETING

John Sortor, KB3XG, will talk on WEAK SIGNAL operations and equipment at the next AMSAT-DC Meeting and Space Seminar. John is a member of "The Packrats" in the Philadelphia PA area. Packrat members will staff a "show and tell" table with some hardware used in weak signal work. As a main attraction, they will host a free TECHNICAL SESSION. This session will give *YOU* the opportunity to bring any satellite

radio equipment to the meeting to have it tested. Technicians and their equipment will be on hand to test most types of satellite radio equipment for such specs as frequency stability, noise floor, gain, deviation and much more. Bring your pre-amp, transceiver, transverter, feedline or other gear!

Important Note: If you plan to bring any equipment to be tested you MUST RSVP to Charlie Heisler, K3VDB, no later than March 19 with equipment make, model number and quantity! Homebrew stuff too. Because of time restraints the tech session will run concurrent with the meeting, at a TBD location outside our meeting room.

There's more! Jerry Rodski, K3MKZ, from SSB Electronics will talk on P3D satellite radio equipment. Jerry will have a show and tell table of the latest and greatest UHF and microwave stuff from SSB Electronics. We are told this will be informative and resemble more of a tutorial than a sales pitch. Jerry might also assist in the Tech Session with his expertise and test equipment.

TECH SESSION POINT OF CONTACT (P.O.C.)

Charlie Heisler, K3VDB

Phone: 717-244-2212 (may leave message)

FAX: 717-246-8863

E-mail: k3vdb@amsat.org or cheisler@cyberia.com

A note from one of your local AMSAT Area Coordinators (MDC area) ...

Hi! We are looking forward to the best local AMSAT-DC Meeting and Space Seminar to date on Sunday afternoon, April 2, 2000. Today's message gives one a first peek at our developing agenda for the great day!

The idea of the Technical Session came from Charlie, K3VDB. He is following up by acting as the P.O.C. on this item for us. Any questions, comments and suggestions here should go directly to Charlie. (Thanks for heading up this part, Charlie!)

Please take the RSVP note seriously. Woe to he who RSVPs late, improperly or not at all. (He may not get his equipment done or, at best, may be placed at the end of the line.) The purpose of the RSVP is two-fold. The test team is coming a long way to provide the service, so our response or lack of response through Charlie will tell them whether they should attend in the first

place. And second, when coming, the response tells them exactly what test equipment they need to haul down here. I think the RSVP ground rules is a fair price to pay (and a proper courtesy) for the wonderful service the Packrats are offering. 'Nuff said.

See you there!

Sincerely,

Pat WD8LAQ
wd8laq@amsat.org

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From bounce-aprsnews-839@lists.tapr.org Wed Mar 8 14:08:55 2000
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id OAA13462
for <lyris.aprsnews@tapr.org>; Wed, 8 Mar 2000 14:08:52 -0600 (CST)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
X-Sender: mcmusick@mail.anet-stl.com
Message-Id: <LYR839-69964-2000.03.08-14.07.28--
lyris.aprsnews@tapr.org>
Date: Wed, 8 Mar 2000 13:48:01 -0600
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: Mike Musick <mcmusick@anet-stl.com>
Subject: [aprsnews] New Map Files for pocketAPRS
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <v04011700b4ec583b7cc0@[209.145.180.134]>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

MAPS WITH LABELS

=====

49 new pocketAPRS maps have been uploaded to the TAPR FTP site. These maps contain city labels which work with pAPRS v1.05 and above, covering city areas in the Northeast, Northwest, and central California. Two specialty maps - Baker to Vegas marathon and Brown County, Texas - are also in the folder.

The folder address is:

<ftp://ftp.tapr.org//aprssig/palmstuff/palmmaps/01Maps%20with%20Labels/>

In a bold experiment, I have uploaded these as raw binary .PDB files directly to the FTP. ZIP compression was gaining very little, and costing quite a bit in time, handling and general aggravation. Please let me know if the "direct" approach is adequate and/or causes problems for you.

NOTE!: The pocketAPRS web page index map HAS NOT been changed to reflect these new maps. You will need to download them by going directly to the FTP directory.

About Labels

The labels are produced through an automated system, from a database built from a combination of several geodata sources. The order of appearance is progressive, from the most populous cities down. The number of labels that appear in any given view depends on the zoom and the label maximum value set in the Map Settings screen. Default for this value is 25, the maximum is 99, but I've found that the best setting is in the 8-15 range.

Label text size is also determined by population. Labels for geographic locales that have no population data (typically historic areas, subdivisions or railroad sidings) are in the smallest, lightest typeface.

pocketAPRS VERSION 1.06

=====

A minor revision to v1.05 has been uploaded. It is to fix a crashing problem caused by a station in the Southern California area which is transmitting a bogus hand-built \$GPGGA string. The "package" (README files, US Interstates map, etc.) is not included with this revision, and you only need upload v1.06 if you get the "Fatal Error - DataMgr.c,Line:7821, Index out of range" crash message. Get it if you need it at:

<ftp://ftp.tapr.org//aprssig/palmstuff/palmaprs/PAPRS106.ZIP>

...mike/N0QBF

pocketAPRS - APRS for the Palm Connected Organizer

Website: <http://www.pocketaprs.com>

Application: <ftp://ftp.tapr.org//aprssig/palmstuff/palmaprs/pcktaprs.zip>

Map Files: <ftp://ftp.tapr.org//aprssig/palmstuff/palmmaps/>

Do not REPLY to APRSNEWS.

Instead, send replies to the originator of the message, i.e., the email address in the FROM: field.

You are currently subscribed to aprsnews as: lyris.aprsnews@tapr.org
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org

From bounce-aprsnews-839@lists.tapr.org Thu Mar 9 14:06:39 2000
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id OAA11299
for <lyris.aprsnews@tapr.org>; Thu, 9 Mar 2000 14:06:37 -0600 (CST)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Thu, 9 Mar 2000 13:51:19 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] New APRStk version 07 uploaded
Message-ID: <LYR839-70127-2000.03.09-14.05.18--
lyris.aprsnews@tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GSO.4.05L.10003091333200.5415-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

A new APRStk.EXE file has been posted in astk-exe.zip on TAPR.

Steve Dimse has pointed out that once the satllites drop below the horizon and the APRStk uplink rate began to decay from 1 minute down to 10 minuets that this was causing erroneous Dead Reckoning.

THis version of APRStk will uplink the selected satellite posits at the one minute rate when above a -5 degree elevation and will then KILL the objects once they pass below -5 degrees elevation. In my area I am upling the posits of A027, U014 and U022 which seem to be quite popular these days.

One of the reasons for uplinking these satellites locally is so that THD7 users who dont have map displays can be alerted to a pass and know that they can work the satellite once the range drops below about 1000 miles.

APRStk.exe runs in the usual APRSdos envrionment.

Download from <ftp://tapr.org/aprssid/dosstuff/APRSdos/astk-exe.zip>

de WB4APR, Bob

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From bounce-aprsnews-839@lists.tapr.org Fri Mar 10 08:37:18 2000
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id IAA28327
for <lyris.aprsnews@tapr.org>; Fri, 10 Mar 2000 08:37:16 -0600 (CST)
Date: Fri, 10 Mar 2000 3:7:1
Subject: [aprsnews] UIDIGI 1.6 TNC2 firmware for APRS digipeater
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: "Marco Savegnago" <m-save@tin.it>
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
Sender: bounce-aprsnews-839@lists.tapr.org
Message-Id: <LYR839-70250-2000.03.10-08.35.57--
lyris.aprsnews@tapr.org@lists.tapr.org>
Precedence: bulk

UIDIGI version 1.6 TNC2

What is UIDIGI?

UIDIGI is a firmware written for use TNC2 or clone as a APRS packet digipeater with advanced functions. (APRS is a register trademark of Bob Bruninga WB4APR)

Why UIDIGI?

Because, even if you can use a standard firmware to set up a digipeater, UIDIGI introduces some features that make it more efficient in a complex APRS network.

The characteristics of UIDIGI

The firmware can be mounted on a TNC2 or 100% compatible Clone with clock of the CPU to 2.4576Mhz, 4.9152Mhz 9,8304Mhz and 32K of RAM.

- Support AX.25 release 1 and 2.
- Full control of AX.25 link layer parameters (Timers, SlotTime, Persistence).
- Support the digipeating of UI AX.25 frame addressed to the digipeater callsign or alias.
- Support the digipeating of UI AX.25 frame addressed to the generic APRS callsign RELAY, WIDE, TRACE.
- Support the digipeating of UI AX.25 frame addressed to the advanced APRS WIDEn-n and TRACEn-n destination callsign.
- Support the UIFLOOD function (ignore duplicated frame sent in a defined interval).
- Remote management protected by password.
- Digipeater heard station list.
- User definable Beacon.
- Reply to the APRS query.

Why still use a TNC2?

-
- Because everybody can found it (also as used part).
 - Because is best than a computer if mounted in cop to a mountain!

How to use UIDIGI

UIDIGI EPROM image is distributed in binary form.
You must configure it before make the eprom, changing the configuration settings in the UIDGCFG.TXT and then using the UIDGCFG program to make the change in the binary image.
After this steps you can make the eprom.

Handling of the UI FRAME

The digipeater is capable to repeat only the AX.25 of UI type (this to avoid that the digipeater can be used as a normal AX.25 digipeater) addressed to the callsign, the alias, to the generic addresses (RELAY WIDE or TRACE) or to special APRS address WIDEn-n TRACE n-n.

Case 1:

A frame like this:

IW3FQG>APRS v RELAY, WIDE

will be repeated from the first digi:

IW3FQG>APRS v RELAY*, WIDE

and then the second make the call substitution:

IW3FQG>APRS v RELAY, DIGI*

Case 2:

A frame like this:

IW3FQG>APRS v RELAY,WIDE1-1

will be repeated from the first digi:

IW3FQG>APRS v RELAY*, WIDE1-1

and then from the second digi:

IW3FQG>APRS v RELAY*, WIDE1-0

then the third make the call substitution:

IW3FQG>APRS v RELAY, WIDE1-0*

Case 3:

A frame like this:

IW3FQG>APRS v RELAY,TRACE1-1

will be repeated from the first digi:

IW3FQG>APRS v RELAY*, TRACE1-1

and then from the second digi:

IW3FQG>APRS v RELAY, DIGI1*, TRACE1-0

and then from the third digi:

IW3FQG>APRS v RELAY, DIGI1, DIGI2*

The version of UIDIGI

This is the first version of the firmware that I distribute. The software was tested extensively but only in the young APRS network that operate in North-East of Italy since October 1999.

I've tried to follow the APRS specification but the software may have some problem to fix.

The Sysop interface of UIDIGI

The sysop can connect directly the digipeater from the radio port or via the serial port.

In the first case the sysop must send the password using the SYSOP command (using the standard NETROM algorithm).

The commands available to the SYSOP are the following:

CONNECT [callsign]

- Connect to another digipeater or user

INFO

- Show the runtime information of the digipeater

PARMS [number][value]

- Allows to change the parameter of the digipeater

The available parameters are:

- 1 Txdelay (1~255)
- 2 Persistence (1~255)
- 3 Slottime (1~255)
- 4 Frack (1~15)
- 5 Maxframe (1~7)

6 Retries (0~127)
7 Timer 2 (0~6000)
8 Timer 3 (0~65535)
9 Digipeater Enable (0~255)

/* 0 = No digi
/* bit 1 = Digipeated On AND RELAY */
/* bit 2 = Digipeated On AND WIDE */
/* bit 3 = Digipeaten On AND TRACE */
/* bit 4 = Digipeaten On AND WIDEn-n */
/* bit 5 = Digipeaten On AND TRACEn-n */

10 Digipeater Mode (0~255)

/* APRS digipeater mode bit mask */
/* 00 = Use standard mode digipeating */
/* 01 = Use call substitution */
/* 10 = Use WIDEn-n algorithm */
/* 11 = Use TRACEn-n algorithm */

11 Beacon Enable (0~1)
12 Beacon Interval (0~65535)
13 UI Flood seconds (0~180)
14 Reply to APRS query (0~1)

RESET

- Force a warm reset of the digipeater

SYSOP

- Start the sysop authentication procedure of the digipeater

TEST

- Enable the testmode function of the digipeater

USERS

- Show the users connected to the digipeater

HIGH[0| 1]

- Force HIGH LED (CONNECT 0 or STATUS 1) of the TNC2

LOW[0| 1]

- Force OFF the LED (CONNECT 0 or STATUS 1) of the TNC2

K [hh]: [mm]: [ss]

- Setup the digipeater clock

MHEARD

- Show the stations listen from the digipeater

The configuration of UIDIGI

The UIDGCFG program must be used to change the values of the default parameter stored in the image of the EPROM. To change the parameter first you need to the UIDGCFG.TXT with a simple text editor. Then you must process it with the UIDGCFG.EXE program that store the configuration in the destination binary image.

Proceed as follow.

In the file of distribution there is the following files:

UIDIGI.BIN
UIDGCFG.TXT
UIDGCFG.EXE

Copy these 3 lines in any directory of your computer disk. Rename the UIDIGI.BIN and UIDGCFG.TXT with the name of the digipeater that you are setting up (e.g.: IW3FQG).

Now the files have the names:

IW3FQG.BIN
IW3FQG.TXT
UIDGCFG.EXE

With a text editor changed line of the IW3FQG.TXT line following the indication written in the file.

You compile the file with the command:

UIDGCFG IW3FQG.BIN IW3FQG.TXT

If there are not problems the program don't give warning, if there is problems it show it.

Now you can program the eprom with the binary image stored in the IW3FQG.BIN.

Mount the eprom in the TNC2 and turn it on.

If everything is ok, the digipeater emit a beacon.

Try it.

The UIDIGI author

In Packet-Radio:

IW3FQG@I3KUH.IVEN.ITA.EU

In Internet:

msave@tin.it

Internet Home Page:

<http://gw.ir3ip.ampr.org/~iw3fqg/>

or

<http://space.tin.it/computer/msavegna/>

Legal trademark

APRS is a register trademark of Bob Bruninga WB4APR

Where find the the software??

The software is available at the following URL:

<http://gw.ir3ip.ampr.org/~iw3fqg/files/UIDIGI16.ZIP>

or

<http://gw.ir3ip.ampr.org/~iw3fqg/files/UIDIGI16.ZIP>

Both pages are in italian language but the (small) documentation is available also in english.

Do not REPLY to APRSNEWS.

Instead, send replies to the originator of the message, i.e., the email address in the FROM: field.

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From bounce-aprsnews-839@lists.tapr.org Fri Mar 10 08:37:47 2000

Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])

by tapr.org (8.9.3/8.9.3/1.13) with SMTP id IAA28354

for <lyris.aprsnews@tapr.org>; Fri, 10 Mar 2000 08:37:46 -0600 (CST)

X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs

Date: Thu, 9 Mar 2000 21:04:58 -0500 (EST)

From: Bob Bruninga <bruninga@nadm.navy.mil>

X-Sender: bruninga@arctic

To: "APRS Announcements" <aprsnews@lists.tapr.org>

Subject: [aprsnews] APRS Satellite Experiments

Message-ID: <LYR839-70254-2000.03.10-08.36.24--

lyris.aprsnews@tapr.org>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>

List-Software: Lyris Server version 3.0

List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>

List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>

X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>

Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>

X-Message-Id: <Pine.GS0.4.05L.10003092102250.9720-100000@arctic>

Sender: bounce-aprsnews-839@lists.tapr.org

Precedence: bulk

I have posted this before, but just incase you missed it the first time...

If you have a THD7 or a D700 or any other 9600 baud TNC and want to experiment with mobile Satellite APRS, then Email me. Thanks

Bob

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Instead, send replies to the originator of the message, i.e., the email address in the FROM: field.

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From bounce-aprsnews-839@lists.tappr.org Fri Mar 10 08:38:27 2000
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id IAA28376
for <lyris.aprsnews@tappr.org>; Fri, 10 Mar 2000 08:38:25 -0600 (CST)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Thu, 9 Mar 2000 21:02:22 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Subject: [aprsnews] MIM's, Mic-Lite Production
Message-ID: <LYR839-70257-2000.03.10-08.37.07--
lyris.aprsnews#tappr.org@lists.tappr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tappr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <Pine.GSO.4.05L.10003041957300.10953-100000@arctic>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

I am happy to report that we received the next batch of MIM/Mic-Lites and tested them all today, so we are now able to ship again. This last production had been held up since December due to a worldwide shortage of 1 uF surface mount caps! (that fit our boards).

Those of you that were backordered were mailed out on Monday

Thanks for your patience. Now that that is behind me and I have plenty of MIM's, now I can build my own APRS balloon payload. It should be under 100 grams and will launch (maybe) on April 1, no foolin... From Maryland

Bob

APRS Engineering LLC is now handling the MIM/Mic-Lite and we have dropped the price to \$79 each + \$4 S&H or \$69 ea in quantities of 10 or more. Check or MO, sorry, no credit cards yet...

The MIM is a complete AX.25 TNC transmitter on a 1 by 1.7 inch micro miniature board that is capable of sending 5 analog channels of telemetry and 8 data bits. It also sends a BText and GPS data if a GPS is attached to the serial port.

The MIM chip can operate in either the MIM Telemetry mode, or as a Microphone Encoder (Mic-E) (Like the Kenwoods) to include GPS and telemetry data on the tail-end of a voice transmission.

Included with the package is a file Mic-Lite.txt that shows you how to make a Mic-E with only 2 external diodes. Or you can add as many front panel switches to add more Mic-E functions such as PATH selection, MESSAGE selection, or variable PERIOD rate. The Mic-E is a way of adding this data to the tail-end of a voice transmission as soon as the PTT drops.

For details, see <http://www.toad.net/~wclement/mim2.htm>
To see some Mic-Lites: <http://web.usna.navy.mil/~bruninga/mim2.html>
Thanks for you interest!

APRS Engineering LLC wb4apr@amsat.org
115 old farm Ct,
Glen Burnie, MD 21060

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From bounce-aprsnews-839@lists.tapr.org Sat Mar 11 13:43:32 2000
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id NAA05202
for <lyris.aprsnews@tapr.org>; Sat, 11 Mar 2000 13:43:30 -0600 (CST)
Message-ID: <LYR839-70488-2000.03.11-13.40.51--
lyris.aprsnews#tapr.org@lists.tapr.org>
Date: Sat, 11 Mar 2000 12:45:44 -0500
From: Marc <va3drv@rac.ca>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Accept-Language: en,pdf
MIME-Version: 1.0
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] Announcement: OARC Eastern Ontario APRS Summit
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <38CA8648.C8950967@rac.ca>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Greetings all!

Here, at last, is some information about the Ottawa Amateur Radio Club Eastern Ontario APRS Summit.

The Summit will be held on Saturday, April 15th, 2000 at Algonquin College, Lees Ave. Campus in Ottawa, Ont.

This event will start at 8 am with a Canwarn training session that will go 'til noon. Coffee and donuts will be served.

The APRS Summit will start with a light lunch and registrations at 1200 and go on until approximately 1700. Snacks and Drinks will also be provided throughout the day.

The itinerary is as follows:

8am-noon: Canwarn weather spotter training.

Noon-1300: Lunch

1230-1300: Registration

1300-1315: Welcome to Aprs Summit

1315-1345: Digis, Eric Meth, VE3EI

1345-1430: Igates, Richard Hagemeyer, VE3UNW

1430-1445: Break

1445-1615: Mark Sproul, KB2ICI, TBD.

1615-1700(approx): Moderated free-4-all q&a session.

1700: Adjourn to local restaurant

A nominal fee of \$10 dollars CDN will be charged for the APRS Summit. Canwarn training is free. A post Summit social is also planned where dinner will be available. The cost of dinner is not included in the \$10 fee.

As we are still in the late planning stages of this event, I require

as many of you who plan to attend to pre-register by emailing me at
va3drv@rac.ca.

Registration fees will be collected at the door. There is room for
approximately 90 people to attend.

Easy transportation to the College is available by OCTranspo.
Abundant parking is also available

Please feel free to distribute this announcement wherever interest may
lie.

More details will be announced, as the date nears, however, please
feel free to email me with your questions.

Thank You and hope to see many new faces there!

Let the discussion begin!

73! de Marc, VA3DRV/VE3APR

Summit co-ordinator
Chief Bottle Washer

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From bounce-aprsnews-839@lists.tapr.org Thu Mar 16 06:51:11 2000
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id GAA06077
for <lyris.aprsnews@tapr.org>; Thu, 16 Mar 2000 06:51:11 -0600 (CST)
From: "Rob Wittner" <rmw@rwa-inc.com>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] APRS/CE Beta Release...
Date: Wed, 15 Mar 2000 22:22:56 -0500
Message-ID: <LYR839-71443-2000.03.16-06.49.59--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

X-Priority: 3 (Normal)
X-MSMail-Priority: Normal
Importance: Normal
X-MimeOLE: Produced By Microsoft MimeOLE V5.00.2314.1300
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapir.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapir.org>
List-Owner: <mailto:owner-aprsnews@lists.tapir.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapir.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapir.org>
X-Message-Id: <NCBBLCALKLCLLFGBMFCMOEPIDEAA.rmw@rwa-inc.com>
Sender: bounce-aprsnews-839@lists.tapir.org
Precedence: bulk

APRS/CE (APRS[tm] for Windows CE) v0.99.597 (Beta) has been posted to:

<ftp://ftp.tapir.org/aprssi/wince/>

You'll see a file called APRS-CE.EXE in that directory.

This is a Windows 95, 98, and NT/2000 .EXE that self-extracts and runs SETUP for APRS/CE.

Just a reminder: this beta will expire on May 22, 2000. I'll have to have something newer out before Dayton. :-)

Some important things:

*** IMPORTANT THING #1 ***

BEFORE YOU INSTALL THIS APP, BACK UP YOUR WINDOWS CE DEVICE!!! (PLEASE!)

Sorry to shout, but if the install gets completely buggered, the only thing I'll be able to do for you if you didn't back up is sympathize with you.

I've never seen or heard of anyone's machine (including my menagerie) getting hosed by this install, but I'd hate to have it happen to someone without a backup.

I've installed the thing on my personal day-to-day Casio E-100, and my clean/fresh/hard-resetted IBM Z50, HP Jornada 420, and HP 320LX (upgraded to WinCE 2.0) and all worked great. I installed it on a colleague's Z50 (he's got tons of third-party software on there) again without incident. I've also received reports from early beta testers that all went OK on their machines as well.

*** IMPORTANT THING #2 ***

Some of you will go out there and go, "TWO MEGS! Jeez, how big is this thing?!" Relax, the only reason it's two megs is because there are ten separate builds in there:

Handheld PC w/ Windows CE 2.0 SH3 (HP 320LX) Clamshell grayscale	
"	MIPS
Palm-size PC w/ Windows CE 2.01 SH3 Palm-size grayscale	
"	MIPS (Casio E-11)
Handheld PC Pro w/ Windows CE 2.1x SH3 (IBM Z50) Subnotebook and clamshell color	
"	MIPS
"	SH4
"	StrongARM (HP Jornada 820)
Palm-size PC w/ Windows CE 2.11 SH3 (HP Jornada 420) Palm-size color	
"	MIPS (Casio E-100)

The two-meg file will sit on your PC, but only the files that are relevant to your CE box get copied down. For most installations, APRS/CE will only take up 350K-500K of storage space, **not** two megs.

*** IMPORTANT THING #3 ***

If you're not using ActiveSync 3.0 to connect with your CE box, go get it! Right now! It's free. I'll wait. :-)

To get it, go to:

<http://www.microsoft.com/downloads/>

Choose Windows CE as the operating system and click "Find it!"

I see two different ActiveSync 3.0's in the listing -- just to be safe, pick the bigger one. (I downloaded it and stuck it on a CD-RW long ago, so I don't remember which one I grabbed.)

*** IMPORTANT THING #4 ***

I would really, really, really appreciate it if:

- (1) You could go download my .EXE when it's convenient.
- (2) Let me know that you are downloading it.
- (3) Back up your CE box.
- (4) Attempt an installation.
- (5) Let me know how it went, *** especially if it didn't work! ***
- (6) Give me feedback on basic operation.
- (7) Let me know what features currently aren't there that you'd like to see.

*** IMPORTANT THING #5 ***

There are no maps included with this installation! (I felt that a two-meg download was big enough.) Feel free to use any Win/MacAPRS, pocketAPRS, or dosAPRS map and place it anywhere on the device, in any directory. (The startup routine searches the entire filesystem for maps. If you add maps while the program is running, use the File->Refresh Map List menu option to rebuild the map menu. You can also do this if you pop in a flash card with maps while APRS/CE is running.)

*** IMPORTANT THING #6 *** (Last one!)

If you find a bug, report it. Even if you think someone else has reported it, report it anyway. I will be tracking them all, but if I never hear about it, I can't fix it.

Thanks in advance for all your support, and I hope that I am nearly finished with delivering something that folks will find useful.

73

-Rob
KZ5RW
Exhausted author of APRS/CE

APRS is a trademark of Bob Bruninga.

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From bounce-aprsnews-839@lists.tapr.org Sat Mar 18 07:21:06 2000
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id HAA05174
for <lyris.aprsnews@tapr.org>; Sat, 18 Mar 2000 07:21:03 -0600 (CST)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Fri, 17 Mar 2000 19:24:21 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: TAPR APRS Satellite Special Interest Group <aprssat@lists.tapr.org>

Subject: [aprsnews] New APRStk (08)
Message-ID: <LYR839-71859-2000.03.18-07.20.06--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GSO.4.05L.10003171859500.16416-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

This new version of APRStk adds a new capability to convey to local mobiles with the THD7 or D700 when satellites are in view. Once every 10 minutes it can transmit a DX SPOT that will be captured on the DX list in the Kenwoods (or any version of APRS). This DX spot will contain a list of up to 5 satellites that will be in view in the next 80 minutes.

The existing APRStk would only transmit Satellite Objects when they were actually in view, but it gave mobile users no "heads-up" that there may be a satellite soon to come in view. Now, just check your DX-LIST every now and then to see the schedule.

Thus, THD7/D700 mobiles have no need for any satellite tracking software, yet they will be alerted on 144.39 whenever any workable mobile satellite comes into view (as long as someone in the area is running APRStk). The front panel will show them any Satellites in view, or the DX list will now always have the next 80 minute schedule! There are 7 satellites of interest (U022, K023, K025, T031, U014, A027, S035). The last three are workable using FM voice and we are lobbying the AMSAT community to eventually turn on one of the PACSATS for APRS digipeating. In the meantime you can monitor their 9600 baud downlinks and start getting experience...

APRStk runs in an APRSdos environment. If you dont have that, then download the whole thing in APRStk.zip. If you already have APRSdos, then all you need is ASTK-EXE.zip. Be sure to install it with PKUNZIP -d or WinZIP.

Download from <ftp://tapr.org/aprssidg/dosstuff/APRSdos/astk-exe.zip>

NOTE: This is a lot of stuff packed into one program. It basically has 3 separate and distinct uses and some conflicts:

- 1) Use it with a THD7/D700 as an automated Satellite monitoring station to

control your radio for listening to the 5 digital and 2 or 3 analog sats.

2) Use it as your home station with ANY radio/TNC on 144.39 as a way to keep an eye open for satellites and/or to UPLINK on 144.39 these satellites as OBJECTS to everyone in your area so they wont miss out on the satellite fun. (Run out to your car to work the pass with your D700). This base station operation also now sends out the once every 10 minute DX spot satellite schedule.

3) Use it as your APRS mobile Satellite Ground station when hooked up to a D700 (not a THD7 which cannot operate crossband 9600) for operations through any (yet to be determined) APRS digipeating PACSAT.

CAUTION: If you try to operate #2 as an APRStk feed to your local area, do NOT use a THD7 or D700, since APRStk will be trying to do 2 things at once. When a TRACKED satellite comes into view, it will FIRST QSY the radio to listen to the satellite, so therefore it is NOT on 144.39 to be able to transmit the satellites as OBJECTS for others.

I will fix this, but it will take some overhead, so for now, do one or the other but not both. If you must use a THD7/D700 in the role of an OBJECT uplink base-station then configure APRStk and tell it you are NOT using a THD7/D700. Just tell it you are using a TAPR TNC and then it will not try to tune the radio...

de WB4APR, Bob

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From bounce-aprsnews-839@lists.tapr.org Sun Mar 19 18:13:49 2000

Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])

by tapr.org (8.9.3/8.9.3/1.13) with SMTP id SAA26234

for <lyris.aprsnews@tapr.org>; Sun, 19 Mar 2000 18:13:46 -0600 (CST)

Message-ID: <LYR839-72192-2000.03.19-18.12.52--

lyris.aprsnews#tapr.org@lists.tapr.org>

Date: Sun, 19 Mar 2000 16:39:28 -0500

From: Marc <va3drv@rac.ca>

Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>

X-Accept-Language: en,pdf

MIME-Version: 1.0
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] OARC / EASTERN ONTARIO APRS SUMMIT
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <38D54910.34561E63@rac.ca>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Greetings ALL!

The Ottawa Amateur Radio Club is pleased to announce the region's first Eastern Ontario APRS Summit. The Summit will be combined with a Canwarn training session in the morning by Randy Mawson, VE3TRW from Environment Canada.

The Summit will also feature Eric Meth, VE3EI, who will speak on digis. Richard Hagemeyer, VE3UNW, who will speak on internet gateways and APRS servers, and Mark Sproul, KB2ICI, author of WinAPRS, who will speak on a variety of topics.

A post Summit social will also be held at a local restaurant. The Summit will take place on Saturday, April 15th from 8 am until approximately 5 pm at Algonquin College, 200 Lees Ave. in Ottawa.

To ensure seating, pre-registration is appreciated by emailing Marc Pichette at va3drv@rac.ca. Cost is free for Canwarn training, and \$10 for the APRS summit which includes a light lunch. Further information can be found at:

<http://ontario.aprs.net/summit>.

Hope to see you there,

73! de Marc, VA3DRV/VE3APR

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From bounce-aprsnews-839@lists.tapr.org Mon Mar 20 08:46:06 2000
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id IAA08623
for <lyris.aprsnews@tapr.org>; Mon, 20 Mar 2000 08:46:04 -0600 (CST)
Message-ID: <LYR839-72351-2000.03.20-08.45.09--
lyris.aprsnews@tapr.org>
Date: Mon, 20 Mar 2000 02:26:17 -0500
From: Marc <va3drv@rac.ca>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Accept-Language: en,pdf
MIME-Version: 1.0
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] OARC / Eastern Ontario APRS Summit, addendum.
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <38D5D298.CE2C10E3@rac.ca>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Greetings All!

First, I'd like to thank all those that have already registered for our Summit in Ottawa. Over thirty people have registered for the event so far.

To clarify one issue however, I would very much appreciate it if you could indicate if you'll be attending the Canwarn training, the APRS Summit, or both. Everyone's co-operation in this would be appreciated. If you've already indicated a preference, there is no need to re-register.

Also, another link is planned to the web page which will list those already attending. If you would like your name excluded from this list, please let me know.

If you are involved with a net, and you think this event might be of interest, please consider making an announcement. A prepared statement is available by emailing me at va3drv@rac.ca or by visiting the Summit web site at <http://ontario.aprs.net/summit/>

One last point, if you think you MIGHT be attending, please register!
I would rather have a cancellation at the last minute than try to feed
(among other things) at the last minute.

Thanks for attention!

As always, please register by emailing me at
va3drv@rac.ca

Visit the new Summit site for info at:

<http://ontario.aprs.net/summit>

73! de Marc, VA3DRV/VE3APR

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From bounce-aprsnews-839@lists.tapr.org Thu Mar 23 07:28:40 2000
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id HAA14161
for <lyris.aprsnews@tapr.org>; Thu, 23 Mar 2000 07:28:37 -0600 (CST)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Wed, 22 Mar 2000 18:08:57 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] [aprssig] Mobile Satellite Operating Resource
Message-ID: <LYR839-73080-2000.03.23-07.27.52--
lyris.aprsnews@tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GSO.4.05L.10003221807250.19590-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org

Precedence: bulk

On Sun, 19 Mar 2000 Mike73@aol.com wrote:

> I'm in the process of updating "The Amateur Satellite Resource Guide"...
> I'm interested in hearing from anyone who has found a source of satellite
> info that proved to be helpful... These resources can be almost anything....

Here's one. Almost like a WEB page on your HT!

Simply tune your Mobile D700 or Handheld D7 radios to the 144.39 APRS channel practically anywhere and their Front Panels will capture and display once every 10 minutes a schedule of upcoming FM satellite passes in the next 80 minutes. Or, once the satellites are above the horizon, their positions are updated every 1 minute and the radios calculate the Distance and Azimuth to the bird!

In addition, the HT or Mobile display shows the Frequency, and Doppler. That's all you need to QSY and work the pass without ANY prior knowledge. It's all explained here:

<http://web.usna.navy.mil/~bruninga/satinfo.html>

Now when I am commuting, I just keep an eye on the front panel of the radio and I can casually see if A027 or U014 or any of the Packet birds are in view. If I see one pop up, I can QSY and work it!

(All of this assumes that someone in your area is running APRStk which is the engine that puts this info onto 144.39 for everyone's use).

de WB4APR, Bob

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From bounce-aprsnews-839@lists.tapr.org Thu Mar 23 22:07:01 2000

Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])

by tapr.org (8.9.3/8.9.3/1.13) with SMTP id WAA14881

for <lyris.aprsnews@tapr.org>; Thu, 23 Mar 2000 22:06:57 -0600 (CST)

X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Thu, 23 Mar 2000 18:23:38 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: htaprs@lists.tapr.org
Subject: [aprsnews] Baltimore MD Balloon Sunday
Message-ID: <LYR839-73241-2000.03.23-22.06.16--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GSO.4.05L.10003231756460.9932-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

There will be a 10 mW 433.910 MHz balloon launched from the Timonium Hamfest (N. Baltimore, MD) at 1230 SUnDay afternoon 25 Mar. It has only one tone to indicate Temperature. But we will use all the power of APRS for DFing the balloon, so come join us with your mobile handheld UHF beam for an afternoon of DF fun.

I will post a list of UHF repeater freqs Friday to be used for coordination. Bring a compass. (No data is better than bad data.)

The balloon is on the air now on the roof In Annapolis for local DF practice (you can only hear it out about 2 miles due to terrain.)

We will be beyond WEB page access and so will need someone to kibitz from their home to tell us the upper level winds at launch time on the local UHF repeater.. Here is the site for Dulles Airport.

http://www.comet.ucar.edu/dstreme/data/stuv_IAD.txt

de WB4APR, Bob

Also on Saturday we will be using APRS and APRN (SSTV handheld cameras) to track/document the Naval Academey 18 hours of greuling field trials for hundreds of midhhsipmen. This will be on 145.55 MHz if you are local.

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From bounce-aprsnews-839@lists.tappr.org Mon Apr 3 07:15:30 2000
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id HAA03470
for <lyris.aprsnews@tappr.org>; Mon, 3 Apr 2000 07:15:27 -0500 (CDT)
Message-ID: <LYR839-75153-2000.04.03-07.15.15--
lyris.aprsnews@tappr.org@lists.tappr.org>
Date: Mon, 03 Apr 2000 04:15:30 -0400
From: Marc <va3drv@rac.ca>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Accept-Language: en,pdf
MIME-Version: 1.0
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Subject: [aprsnews] OARC APRS Summit update
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
X-Message-Id: <38E8531E.3BBE3313@rac.ca>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

Greetings!

Just to provide an update on what's going on with the Summit.

So far we have 65 people confirmed for the Summit. This includes all people involved including speakers and organizers. There are now very few positions left for pre-registrations. If you thought you MIGHT want to go, now is the time to register by emailing me at va3drv@rac.ca.

The web page has been updated to include a list of all those attending. Check it out at:

<http://ontario.aprs.net/summit/attendance.txt>

If there are any changes to be made to this list, please let me know by emailing me. A confirmation email will be sent to all those we have an email address for.

Talk in for the event will be on VE3MPC, 147.150 and 444.400. This is a crossband repeater for all those people who will be using their vhf APRS equipment. A pl tone of 100.0 is optional for receive.

Further detailed directions will also be made available on the web site in addition to the map already there.

There will be several opportunities for social gatherings. The first of these will be friday evening. The main one on saturday evening, and finally a brunch type gathering on sunday morning. These gatherings are over and above the regular Summit activities and are at your own personal cost. Venue is still to be determined, but they will be in downtown Ottawa. These are an opportunity to meet one-on-one with some of the speakers and organizers of the event.

As always, please feel free to contact me with any questions. Email is the preferred method, but you can also usually contact me via aprs.

73! de Marc, VA3DRV/VE3APR

Summit web page: <http://ontario.aprs.net/summit>
where am I today? <http://map.aprs.net/va3drv-9>

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id RAA04464
for <lyris.aprsnews@tapr.org>; Sat, 8 Apr 2000 17:16:04 -0500 (CDT)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Sat, 8 Apr 2000 16:20:25 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] APRStk ver K11
Message-ID: <LYR839-76209-2000.04.08-17.16.00--
lyris.aprsnews@tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.10004081612530.21537-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org

Precedence: bulk

This K11 version of APRStk fixes three things that impacts the transmission of Satellites as OBJECTS to other users of the THD7 and D700:

- 1) It fixes the alt-SETUP-OTHER-DST so that it works for Daylight Savings time. The workaround was to change your time zone by -1. Now you can leave your time zone the same and just toggle on and off the DST twice a year.
- 2) It fixes the P-LIST-WHEN command so that it works more than once.
- 3) It changes the KILLED object timing for satellits below the horizon so that these are transmitted much less frequently when out of view.

Thanks for the bug reports. This is posted as a new astk-exe.zip as follows:

<ftp://tapr.org/aprssidg/dosstuff/APRSdos/astk-exe.zip>

It contains all the support files needed to make it run within your existing APRSdos environment. I will NOT have time to update the full stand-alone 1.2 MEG APRStk.ZIP file today. Kids birthday... But all you need is in the astk-exe.zip if you already use APRSdos... And of course it always includes the latest KEPS...

de WB4APR, Bob

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From bounce-aprsnews-839@lists.tapr.org Fri Apr 14 13:14:29 2000
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id NAA25947
for <lyris.aprsnews@tapr.org>; Fri, 14 Apr 2000 13:14:23 -0500 (CDT)
Message-ID: <LYR839-77527-2000.04.14-13.14.34--
lyris.aprsnews@tapr.org@lists.tapr.org>
Date: Fri, 14 Apr 2000 14:10:08 -0400
From: Marc <va3drv@rac.ca>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>

X-Accept-Language: en,pdf
MIME-Version: 1.0
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] OARC Summit registration, closed. 78 attending!
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <38F75F00.3046FFD@rac.ca>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Greetings All!

This is to inform everyone that we now have 78 people confirmed to attend our APRS Summit in Ottawa this April 15th.

We would like to thank all those that pre registered and who will make this event a success. Registrations are now closed as we have now met our limit of attendance.

There will be another APRS event during the Labour Day weekend, and probably another at around this time next year.

Watch this space for info!

In the meantime, check out our Summit web site at :

<http://ontario.aprs.net/summit>

73! de Marc, VA3DRV/VE3APR

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From bounce-aprsnews-839@lists.tapr.org Tue Apr 18 07:16:57 2000

Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])

by tapr.org (8.9.3/8.9.3/1.13) with SMTP id HAA02810

for <lyris.aprsnews@tapr.org>; Tue, 18 Apr 2000 07:16:54 -0500 (CDT)

Message-ID: <LYR839-78367-2000.04.18-07.15.26--
lyris.aprsnews#tapr.org@lists.tapr.org>
Date: Tue, 18 Apr 2000 01:58:07 -0400
From: Marc <va3drv@rac.ca>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Accept-Language: en,pdf
MIME-Version: 1.0
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] OARC APRS Summit, SUCCESS!
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <38FBF96F.194F83E1@rac.ca>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Greetings!

Just to let everyone know, we recently held our areas first Ottawa Amateur Radio Club APRS Summit. The Summit was, by all accounts, a great success. I would like to thank all those that attended and participated for helping make it so. It couldn't have been done without a lot of peoples help and support.

Just for information, here are some stats from the event, out of 78 people registered...

Total No. Present - 69
Organizers/Speakers - 11
CANWARN only - 3
APRS Summit only - 6
No shows - 14
Walk-ins- 4

Please check out our Summit website for further details at:

<http://ontario.aprs.net/summit>

There will be another APRS event during our hamfest, September 2 (Labour Day weekend), 2000. Very likely, there will be yet another at about this time next year.

Once again, thanks for your support!

73! de Marc, VA3DRV.

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From bounce-aprsnews-839@lists.tapr.org Thu Apr 20 10:51:44 2000

Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])

by tapr.org (8.9.3/8.9.3/1.13) with SMTP id KAA06508

for <lyris.aprsnews@tapr.org>; Thu, 20 Apr 2000 10:51:43 -0500 (CDT)

X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs

Date: Thu, 20 Apr 2000 11:02:28 -0400 (EDT)

From: Bob Bruninga <bruninga@nadn.navy.mil>

X-Sender: bruninga@arctic

To: "APRS Announcements" <aprsnews@lists.tapr.org>

Subject: [aprsnews] [htaprs] SSID Routing.

Message-ID: <LYR839-78830-2000.04.20-10.50.12--

lyris.aprsnews#tapr.org@lists.tapr.org>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>

List-Software: Lyris Server version 3.0

List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>

List-Owner: <mailto:owner-aprsnews@lists.tapr.org>

X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>

Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>

X-Message-Id: <Pine.GS0.4.05L.10004201102050.13291-1000000@arctic>

Sender: bounce-aprsnews-839@lists.tapr.org

Precedence: bulk

The D700 has a new feature for APRS networking that has not yet been exploited. My original vision for APRS routing back in 1994 proposed the WIDEn-N and SSID routing mechanisms. PacComm added Callsign substitution, then Kantronics implemented the WIDEn-N and now Kenwood has implemented the SSID routing in the D700.

All Mic-E's and Kenwood D7 and D700's and all other TNC's can take advantage of this SSID routing technique.

One power of the SSID routing is the further shortening of packets by eliminating the 7 Byte DIGIpeater callsign from every packet. This is like WIDEn-N but you only use the N. Here is how it helps the APRS network for a four hop Mic-E packet.

1994: W4APR>APRS,DIGIONE,DIGITWO,DIGITRE,DIGIFOR:'lllcst/\$
1997: W4APR>APRS,SUBSONE,SUBSTWO,SUBSTRE,SUBSFOR:'lllcst/\$
1998: W4APR>APRS,WIDE4-4:'lllcst/\$
2000: W4APR>APRS-4:'lllcst/\$

Notice the more than 50% shortening of the packet. And even the 25% savings over a WIDEn-N.

The other feature of the SSID method is in NORTH/SOUTH/EAST/WEST directional routing. The SSID's between 8 and 11 choose these directions and the SSID's between 12 and 15 select additional hops in these chosen directions.

In the D700 you will notice 4 additional UNPROTO paths labeled NPATH, SPATH, EPATH and WPATH for the 4 directions. If the digi sets these to a fixed digipeter path in those directions, then an incoming packet with SSID = 8 (NORTH) will then be routed by the NPATH, etc. If the SSID is 12 (NORTH+) then the NPATH will be used PLUS an additional WIDE is added on the end.

Notice, the SSID digipeater code in the D700 only applies when that D700 is used as a FIXED DIGIPEATER. These DIGI settings do not apply to the user while he is mobile. But if someone installs a D700 DIGI network, then mobile D7 or D700 users simply select their outgoing PATH as the single digit N to use this capability.

As we go to more and more users, and therefore smaller DIGI areas, these compact and effecient routing methods may not be as necessary as they were originally envisioned. But for special applications where you can put up a network of D700 digis, this may help improve channel loading. Also others of you writing "smart" digipeater code should consider implemening these in your digi...

If anyone experiments with these methods we would like to hear of your experiences.

de WB4APR, Bob

You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
To unsubscribe send a blank email to leave-htaprs-3559T@lists.tapr.org

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From bounce-aprsnews-839@lists.tapr.org Fri Apr 21 08:59:29 2000
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id IAA29698
for <lyris.aprsnews@tapr.org>; Fri, 21 Apr 2000 08:59:26 -0500 (CDT)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Fri, 21 Apr 2000 09:30:56 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: aprsnews@tapr.org
Subject: [aprsnews] The movie "FREQUENCY" NOW!
Message-ID: <LYR839-78985-2000.04.21-08.54.23--
lyris.aprsnews@tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GSO.4.05L.10004210922150.26440-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

HAM MOVIE!

A Hollywood movie featuring HAM radio will be coming out April 28, 2000 called FREQUENCY. Clubs all over the country are going to set up HAM stations at local theatres, to promote our hobby. This is a once in a life time opportunity to show our stuff. This is one week away. By now each theatre will know who will be premiering the movie.

And by now, your planning should be in high gear. The ARRL is even offering major equipment prizes for the best public presentation. NEXT FIRDAY NIGHT IS IT. Will we see you on the FREQUENCY?

HF, VHF, SATELLITES, ATV, SSTV, PACKET, APRS... What a Field Day!

de WB4APR, Bob

The rules for the competition were outlined in this week's edition of the ARRL Letter. Please see that story at:

<http://www.arrl.org/arrlletter/00/0414/#frequency>

Good luck with your event! Motivating other area clubs is a great idea.

73,

Jennifer Hagy, N1TDY

Media Relations Manager, ARRL

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])

by tapr.org (8.9.3/8.9.3/1.13) with SMTP id NAA12543

for <lyris.aprsnews@tapr.org>; Sat, 22 Apr 2000 13:24:42 -0500 (CDT)

X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs

Date: Sat, 22 Apr 2000 11:33:38 -0400 (EDT)

From: Bob Bruninga <bruninga@nadn.navy.mil>

X-Sender: bruninga@arctic

To: "APRS Announcements" <aprsnews@lists.tapr.org>

cc: aprsnews@tapr.org

Subject: [aprsnews] APRS on International Space Station

Message-ID: <LYR839-79270-2000.04.22-13.19.05--

lyris.aprsnews@tapr.org>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

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List-Software: Lyris Server version 3.0

List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>

List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>

X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>

Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>

X-Message-Id: <Pine.GSO.4.05L.10004221132210.18411-100000@arctic>

Sender: bounce-aprsnews-839@lists.tapr.org

Precedence: bulk

Its on the air if you are in Wash DC/Baltimore area...

----- Forwarded message -----

From: Frank H. Bauer <frank.bauer@gsfc.nasa.gov>

To: AMSAT-DC@AMSAT.Org, sarex@AMSAT.Org

AMSAT-DC & SAREX Subscribers:

I wanted to alert each of you of a very exciting, limited opportunity to experience the ISS ham radio station a few months before it reaches orbit.

Right now one of the ISS ham radio training sets are operating on-top of building 11 at the NASA Goddard Space Flight Center in Greenbelt, Maryland. Each training set includes a 2 meter and a 70 cm Ericsson radio (about 5-6 watts output power), a PacCom Picopacket TNC, and the interconnecting hardware. The antenna on the roof of building 11 is a 5/8 dual band mag mount. During the testing activities we will operate on either 2 m or 70 cm.

Over the next few days we will be testing two identical sets of hardware. One set is for the Gagarian Cosmonaut Training Complex (GCTC) in Star City Russia and one set is for the team at RSC Energia in Korolev (Moscow Area), Russia. These training sets will support cosmonaut and astronaut training and some testing on the Complex Integrated Stand (KIS) at RSC Energia.

We are currently testing the GCTC equipment on the 2 meter band. The plan is to switch over to the 70 cm radio sometime tomorrow (Sunday) afternoon. Those in the Washington area are welcome to connect up to the ISS equipment, digipeat through it (including APRS), and use the bbs.

We are operating on the following freqs:

On 2 meters:

145.80 "downlink"

144.49 "uplink"

On 70 cm:

437.650 simplex

The station is using the callsign, W5RRR. To reach the BBS, the callsign is W5RRR-1

Please note that there is currently not a "Packet Robot" as was on the old SAREX equipment. Dave Larsen's (N6CO) team is working on a firmware upgrade for the TNC that we hope to fly later on ISS.

If you have the opportunity to work the station, please send me an e-mail with your location. I hope to compile these and send the compiled list out

later.

Thanks and enjoy.

73, Frank Bauer, KA3HDO
AMSAT-NA V.P. for Human Spaceflight Programs

Via the sarex mailing list at AMSAT.ORG courtesy of AMSAT-NA.
To unsubscribe, send "unsubscribe sarex" to Majordomo@amsat.org

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From bounce-aprsnews-839@lists.tapr.org Sat Apr 22 19:00:56 2000
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id TAA24754
for <lyris.aprsnews@tapr.org>; Sat, 22 Apr 2000 19:00:47 -0500 (CDT)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Sat, 22 Apr 2000 16:07:10 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] ISS Packet Station on air!
Message-ID: <LYR839-79312-2000.04.22-18.59.18--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <Pine.GSO.4.05L.10004221559060.23658-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Since the International Space Station Packet hardware is on the air at Goddard for a week long test, and only those of us within about 15 miles can hit it, we CAN extend the range of this test EASILY with APRS.

Its call is W5RRR. If you can digi through it, then you can LEAVE your station on frequency and then others can digi through you. If everyone has the MYAlias of RELAY (as they should if they are an APRS station) then others can get to W5RRR via RELAY. But it is tricky, you have to think about it, since W5RRR is operating on different uplink and downlinks. It listens on 144.49 and transmits on 145.80.

The first tier of outlying stations will thus listen on 80 and transmit on 49. The next tier of stations will then have to invert to use one of these as a digipeater. AND they would have to set their path to RELAY,W5RRR,RELAY to hit it and see their packet successfully. The next tier out would have to set RELAY,RELAY,W5RRR,RELAY,RELAY etc.

There is no real goal here other than to let more people hit it. Its a good exercise in thinking about virgin, bootstrap networks under unusual circumstances. I will have a "1st tier" station set up in Annapolis and in Glen Burnie. Anyone else?

Lets see how far out we can build this in a week! hi hi
This is just for fun. I am NOT trying to invent anything here...

Bob

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id SAA05489
for <lyris.aprsnews@tapr.org>; Sun, 23 Apr 2000 18:03:26 -0500 (CDT)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Sun, 23 Apr 2000 10:09:25 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] NATIONWIDE Events
Message-ID: <LYR839-79468-2000.04.23-18.03.41--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <Pine.GS0.4.05L.10004230926470.6766-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

Here is how special event stations can all find each other worldwide; for example, for the upcoming Friday night FREQUENCY event. As you know, packets will not go through IGates to RF unless you already know the callsign of the intended recipient. The way to do this is as follows:

- 1) Put a TNC on the air in your area with the MYCall of "FREQ". Then give it a BTEXT of ":FREQ :QRZ the FREQUENCY, de XXXXXX" where XXXXXX is the call of your EVENT station. Give it a BEACON rate of once every 20 minutes or so. This can be at home or anywhere within the range of the IGATE you will be using.

This will put the call of "FREQ" onto your IGate as a local station. Thus, any similar messages TO FREQ from everyone else will get through the IGate to RF so you can see them. Lets call these TNC's "SEEDS".

- 2) Give it a path ONLY long enough to get to your nearest IGate
- 3) Now at your EVENT station, just sit back and watch your MESSAGE or TRAFFIC list. You should see similar messages from ALL other event stations everywhere. Now seeing their XXXXXX calls you know who you can QSO in the normal manner.

SUMMARY: By having a station on the air in your area with the call of FREQ, it will give a TARGET for the IGate to send to RF these QRZ messages from other event stations. But these exchange no information, they only let you see who else is participating by their XXXXXX event calls. Then you use that information to make the QSO from your EVENT station.

You cant do this from the EVENT station itself for several reasons.

- 1) "FREQ" has to be the MYCALL in the TNC to fool the IGATE
- 2) APRS stations all seem to have different timeout mechanisms so you cant get the repetitive 20 minute message on a regular basis)
(APRSDOS will settle down to a 20 minute rate if it has 2 digis in the path, but each program is different)

YOU CAN use a spare THD7 with the MYCALL of FREQ to send this message. But you have to do the timing manually. Simply enter the message, and let it transmit ONCE (successfully) then turn it off for 20 minutes.

It will remember that it has 4 retries to go. ANd will retry again each time it is turned on. When it runs out, then re-do the message.

We used this technique for CQFD 2 years ago and it worked.

See you on the air Friday night!

de WB4APR, Bob

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From bounce-aprsnews-839@lists.tapr.org Tue Apr 25 08:25:49 2000

Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])

by tapr.org (8.9.3/8.9.3/1.13) with SMTP id IAA21993

for <lyris.aprsnews@tapr.org>; Tue, 25 Apr 2000 08:25:48 -0500 (CDT)

Message-ID: <LYR839-79877-2000.04.25-08.26.31--

lyris.aprsnews@tapr.org>

From: "Horzepa, Stan" <Stan_Horzepa@adc.com>

To: "APRS Announcements" <aprsnews@lists.tapr.org>

Cc: "'wallou'" <wallou@arrl.net>

Subject: [aprsnews] UIDIGI16.ZIP source

Date: Tue, 25 Apr 2000 08:24:45 -0500

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>

List-Software: Lyris Server version 3.0

List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>

List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>

X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>

Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>

X-Message-Id: <1B66FFC6BE1CD211A0620008C7A42AC2011389EC@MRDNEXCH01>

Sender: bounce-aprsnews-839@lists.tapr.org

Precedence: bulk

In my May QST Digital Dimension column, the link I mention for downloading UIDIGI16.ZIP is kaput. As an alternative, you may download UIDIGI16.ZIP from the TAPR Web site directory ftp://ftp.tapr.org/software_lib/tnc/

The accompanying text file, uidigi16.txt, can also be downloaded from the same directory.

73,

Stan, WA1LOU

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id MAA01064
for <lyris.aprsnews@tapr.org>; Tue, 25 Apr 2000 12:16:49 -0500 (CDT)
Date: Tue, 25 Apr 2000 09:12:56 -0700
From: Bob Nielsen <nielsen@primenet.com>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] New version of aprsd available
Message-ID: <LYR839-79916-2000.04.25-12.15.43--
lyris.aprsnews@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
User-Agent: Mutt/1.0.1i
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <20000425091256.C28709@primenet.com>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

The latest version of WA4DSY's aprsd Igate server is now available by
ftp from the tapr.org server at
[/software_lib/Linux/aprsd/aprsd211.tar.gz](ftp://software_lib/Linux/aprsd/aprsd211.tar.gz).

Bob Nielsen, N7XY
TAPR Software Librarian

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From bounce-aprsnews-839@lists.tapr.org Wed Apr 26 12:55:30 2000

Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])

by tapr.org (8.9.3/8.9.3/1.13) with SMTP id MAA09786

for <lyris.aprsnews@tapr.org>; Wed, 26 Apr 2000 12:55:29 -0500 (CDT)

From: NH7C@aol.com

Message-ID: <LYR839-80136-2000.04.26-12.56.17--

lyris.aprsnews@tapr.org>

Date: Wed, 26 Apr 2000 12:10:41 EDT

Subject: [aprsnews] 2000 APRS EYEBALL at the Dayton Hamvention

To: "APRS Announcements" <aprsnews@lists.tapr.org>

MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>

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List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>

List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>

X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>

Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>

X-Message-Id: <c3.495ee5f.26386f01@aol.com>

Sender: bounce-aprsnews-839@lists.tapr.org

Precedence: bulk

2000 APRS EYEBALL at the Dayton Hamvention

All are welcome to join the TAWG (Tri-State APRS Working Group) and all of your other APRS friends Saturday night, 20 MAY 2000, at Marion's Pizza for the Seventh Annual APRS EYEBALL during this year's Dayton Hamvention.

Last year's event hosted more than 150 people. Once again, we have secured half of the restaurant for the EYEBALL. We have plenty of room for all interested people. The portion of the restaurant reserved for the APRS EYEBALL is available from 1800 hours until 2300 hours.

Now, the vital information:

WHO: You and all your APRS friends.

WHAT: 2000 APRS EYEBALL at the Dayton Hamvention

WHERE: Marion's Pizza, 3443 North Dixie Dayton, Ohio 45414 937.277.6553

From I-75 - Exit 57 - West on Wagoner Ford Road to
Dixie

LAT/LON 3947.85N - 08411.60W

WHEN: 1800 Hours - 20 MAY 2000

Maps will be available at many of the APRS related booths at Hamvention.

Special note from Sid:

Andrea and I have moved from Dayton to Rockville, Maryland last year. I will do my best to coordinate this event from Maryland. Because of work constraints, Andrea and I might not make it to Hamvention this year. James, K9APR, has agreed to assist with my efforts to make sure that the EYEBALL goes off without problems.

For more information, please contact:

Sid, W3/NH7C
NH7C@aol.com
240.453.9446

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From bounce-aprsnews-839@lists.tapr.org Fri Apr 28 21:07:57 2000
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id VAA29145
for <lyris.aprsnews@tapr.org>; Fri, 28 Apr 2000 21:07:56 -0500 (CDT)
Message-ID: <LYR839-80542-2000.04.28-21.06.45--
lyris.aprsnews@tapr.org@lists.tapr.org>
Date: Wed, 26 Apr 2000 12:46:59 -0400
From: Marc <va3drv@rac.ca>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Accept-Language: en,pdf
MIME-Version: 1.0
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] Re: OARC APRS Summit, SUCCESS!

References: <38FBF96F.194F83E1@rac.ca> <001101bfaabb\$f19bf780\$92172fce@va3kgb>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <39071D83.5BF64745@rac.ca>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Hi Chip and Everyone else!

First, I'd like to apologise for not mentioning the following people by name. Without their enthusiastic help and assistance, the Summit would not have been possible. Without further ado then, here is the Summit team.

Anne Asmus, VE3TSB, Catering.
Ken Asmus, VA3KA, Government liaison, assistant caterer.
Greg Danylchenko, VE3YTZ, Registrations, name badges.
Rick Furniss, VE3IHI, Event Manager.
Richard Hagemeyer, VE3UNW, Budget, handouts, webmaster, stills, etc, etc...
John Senez, VA3JBS, Talk-in.
Brian Smith, VE3DHS, Videographer.
Ed Strange, VE2MPP, facilities co-ordinator.

Also, I'd like to take this opportunity to again thank our speakers for a fine performance.

>From Environment Canada/Canwarn

Randy Mawson, VE3TRW
Scott Keddie, VE3IPE
Phil Sanders.

APRS speakers:

Eric Meth, VE3EI.
Richard Hagemeyer, VE3UNW.
Mark Sproul, KB2ICI.

I've probably left out a few people that also deserve a mention, please accept this as my thanks. You know who you are (even if I may be too dumb to remember). Please feel free to remind me!

Also, some pictures from the Summit have been posted to the web page.
Check out <http://ontario.aprs.net/summit>

Hope to see you all at the next one!

73! de Marc, VA3DRV
Summit bottle washer.

> For Marc, perhaps you could post the names/calls of your behind the scenes
> committee.
>
> 73
> CJ 'Chip' Chapman, VA3KGB

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From bounce-aprsnews-839@lists.tapr.org Mon May 1 14:51:22 2000
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id OAA06227
for <lyris.aprsnews@tapr.org>; Mon, 1 May 2000 14:51:18 -0500 (CDT)
Message-Id: <LYR839-81103-2000.05.01-14.52.20--
lyris.aprsnews@tapr.org@lists.tapr.org>
X-Sender: mladair@cadfx.com (Unverified)
Date: Mon, 01 May 2000 15:25:13 -0400
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: matthew adair <mladair@cadfx.com>
Subject: [aprsnews] Govt Drops degrading of GPS System Accuracy (Hurrah!)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <4.2.0.58.20000501152121.00a59580@cadfx.com>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

I havn't been subscribed for a while, but I thought this was worthy enough
to subscribe for and pass along in case it hasn't been posted yet. No more
putting up with signal degradation!

<http://www.whitehouse.gov/library/PressReleases.cgi?date=0&briefing=0>

Remember, wherever you go, there you are!

Matt Adair - N8SHA

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From bounce-aprsnews-839@lists.tapr.org Thu May 4 16:50:42 2000
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id QAA27543
for <lyris.aprsnews@tapr.org>; Thu, 4 May 2000 16:50:41 -0500 (CDT)
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"
X-Sender: wd5ivd@tapr.org
Message-Id: <LYR839-81783-2000.05.04-16.51.48--
lyris.aprsnews#tapr.org@lists.tapr.org>
Date: Thu, 4 May 2000 14:27:08 -0500
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: John Ackermann <jra@febo.com> (by way of Greg Jones)
Subject: [aprsnews] Pack*BASH dinner at Dayton Hamvention 2000
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <v04020a1cb5377f3fd9e9@[192.168.0.2]>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Dayton Activities

Attending the 2000 Dayton Hamvention? Then don't miss out on PACK*BASH!

What?

An event for the digitally-inclined ham, featuring:

- * Buffet dinner
- * Keynote Address: "Amateur Radio and Submarine NR-1"
by CDR Chas Richard, W4HFZ, USN
- * TAPR special interest group meetings
- * "Birds of a Feather" gatherings

When?

Friday evening, May 19, 2000
Doors open at 7:00 pm; dinner served at 7:30 pm
Speaker and meetings after dinner

Where?

NCR "Sugarcamp" Conference Center, 101 W. Schantz Ave. --
South of downtown Dayton, just west of Main St. (Rt 48).
Maps available on the TAPR web site (www.tapr.org) or at the
TAPR booth.

How?

Dinner requires advance registration and payment through TAPR.
Tickets will be available at the TAPR booth on Friday, though
we strongly encourage registration <before> Hamvention. The cost
is \$25.00 per person, tax and tip included.

All amateurs are welcome to attend, enjoy the speaker, and
participate in the meetings, although only those purchasing a
dinner
can eat.

To register, contact:
PACK*BASH
c/o TAPR
8987-309 E. Tanque Verde Road #337
Tucson, AZ 85749-9399

Phone: (940) 383-0000
Fax: (940) 566-2544
Internet: tapr@tapr.org

Visa/Mastercard Accepted

Who?

PACK*BASH is co-sponsored by TAPR -- Tucson Amateur Packet
Radio,
the national leader in digital communication -- and the Miami
Valley FM Association, Dayton's packet radio club.

For more information (including maps), go to
<http://www.tapr.org/tapr/html/dayton.html>, or send email to
tapr@tapr.org.
You can request information via packet radio at BASH@W8APR.#DAY.OH.USA.N
OAM.

--
John Ackermann N8UR
Dayton, Ohio, USA
jra@febo.com -- <http://www.febo.com>

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id TAA29126

for <lyris.aprsnews@tapr.org>; Sat, 6 May 2000 19:13:42 -0500 (CDT)
Message-ID: <LYR839-81930-2000.05.05-09.37.59--
lyris.aprsnews#tapr.org@lists.tapr.org>
From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] ADMIN: mail to the SIG administrator
Date: Fri, 5 May 2000 09:35:50 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <8204E40F8922D411A0C10008C7A42AC22355BF@MRDNEXCH01>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Until this I LOVE YOU virus blows over, please send email to the SIG administrator at wallou@tapr.org (not to the administrator's work address).

Thanks for your cooperation!

Stan, WA1LOU, SIG administrator

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Instead, send replies to the originator of the message, i.e., the email address in the FROM: field.

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From bounce-aprsnews-839@lists.tapr.org Sat May 6 19:57:01 2000
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id TAA00760
for <lyris.aprsnews@tapr.org>; Sat, 6 May 2000 19:57:00 -0500 (CDT)
Message-ID: <LYR839-81991-2000.05.06-19.16.18--
lyris.aprsnews#tapr.org@lists.tapr.org>
Date: Fri, 05 May 2000 19:15:22 -0400
From: Stan Horzepa <stanzepa@mail2.nai.net>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
Organization: WA1LOU
X-Accept-Language: en,pdf
MIME-Version: 1.0

To: "APRS Announcements" <aprsnews@lists.tappr.org>
Subject: [aprsnews] ADMIN: mail to the SIG administrator
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
X-Message-Id: <39135608.4180F561@ct2.nai.net>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

The ILOVEYOU virus hit us hard at work and as a result, very little email has gone in or out of my workplace. If you sent SIG-administrator-related mail to my work email address (stan_horzepa@adc.com) early Thursday morning or later, I likely did not get it and likely won't get it. So, please resend it to wallou@tappr.org.

And, for the time being, only send SIG administrator mail to the email address of wallou@tappr.org.

Thanks for your cooperation,

Stan Horzepa, WA1LOU, SIG administrator

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Instead, send replies to the originator of the message, i.e., the email address in the FROM: field.

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From bounce-aprsnews-839@lists.tappr.org Sat May 6 22:24:58 2000
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id WAA07122
for <lyris.aprsnews@tappr.org>; Sat, 6 May 2000 22:24:46 -0500 (CDT)
Message-ID: <LYR839-82139-2000.05.06-22.18.15--
lyris.aprsnews@tappr.org@lists.tappr.org>
Date: Sat, 06 May 2000 20:52:37 -0500
From: James Smith K9APR <squirmy@kiva.net>
Organization: Tri-State APRS Working Group / Chairman
X-Accept-Language: en
MIME-Version: 1.0
To: "APRS Announcements" <aprsnews@lists.tappr.org>
CC: APRS Announcements digest <aprsnews@lists.tappr.org> ,

aprssig <aprssig@lists.tapr.org>
Subject: [aprsnews] Re: 2000 APRS Eyeball at Dayton
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Message-Id: <3914CC63.D8678057@kiva.net>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Hello everyone, Thought I would repost this earlier email to the national APRS sig. I hope all of you can join us for the 7th Annual TAWG (Tri-State APRS Working Group) APRS Eyeball.

2000 APRS EYEBALL at the Dayton Hamvention

All are welcome to join the TAWG (Tri-State APRS Working Group) and all of your other APRS friends Saturday night, 20 MAY 2000, at Marion's Pizza for the Seventh Annual APRS EYEBALL during this year's Dayton Hamvention.

Last year's event hosted more than 150 people. Once again, we have secured half of the restaurant for the EYEBALL. We have plenty of room for all interested people. The portion of the restaurant reserved for the APRS EYEBALL is available from 1800 hours until 2300 hours.

Now, the vital information:

WHO: You and all your APRS friends.

WHAT: 2000 APRS EYEBALL at the Dayton Hamvention

WHERE: Marion's Pizza, 3443 North Dixie Dayton, Ohio 45414
937.277.6553

From I-75 - Exit 57 - West on Wagoner Ford Road
to
Dixie

LAT/LON 3947.85N - 08411.60W

WHEN: 1800 Hours - 20 MAY 2000

Maps will be available at many of the APRS related booths at Hamvention.

Special note from Sid:

Andrea and I have moved from Dayton to Rockville, Maryland last year. I will do my best to coordinate this event from Maryland. Because of work constraints, Andrea and I might not make it to Hamvention this year. James, K9APR, has agreed to assist with my efforts to make sure that the EYEBALL goes off without problems.

For more information, please contact:

Sid, W3/NH7C
NH7C@aol.com
240.453.9446

I will be working on the maps this week at work and they will be available at the APRS booths at the Hamvention, you can contact me or Sid on additional information.

73, James, K9APR
Tri-State APRS Working Group / Chairman
<http://www.qsl.net/tawg>
ph. (765) 529-1084
work (765) 521-4427 fm 3:30pm-3:30am (m-thur)
pager (765) 593-3418

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id VAA29237
for <lyris.aprsnews@tapr.org>; Mon, 8 May 2000 21:39:36 -0500 (CDT)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Mon, 8 May 2000 21:53:42 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>

X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Subject: [aprsnews] Satellite APRS tracking
Message-ID: <LYR839-82597-2000.05.08-21.41.02--
lyris.aprsnews#tappr.org@lists.tappr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tappr.org>>
Reply-To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Message-Id: <Pine.GS0.4.05L.10005082113320.6393-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

As you plan your summer trips, remember that there are 9 amateur satellites you can use with your mobile FM rig and a whip antenna! From 7 to 12 AM and PM local sun time there is almost always one in view wherever you are. Use them to communicate your position/status/messages or Email. If you are traveling in remote areas, plan on taking advantage of them!

Three are FM voice.
Three are BBS's, with message store and forward
Three are live DIGIpeaters at 1200 baud needing only a laptop (no TNC) to send back E-MAIL and/or status/messages to a WEB page
Two maybe live two-way digipeaters for live QSOs and TEXT messaging

We hope traveler communications from all will be available via WEB pages. To serve these travelers, we also need volunteer ground stations too... You can even do it with an HT and a handheld antenna!

See <http://web.usna.navy.mil/~bruninga/astars.html>
or join aprssat@lists.tappr.org and tell us you are new so we can fill you in on the details.

de WB4APR, Bob

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From bounce-aprsnews-839@lists.tappr.org Fri May 12 07:42:53 2000
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id HAA07663
for <lyris.aprsnews@tappr.org>; Fri, 12 May 2000 07:42:53 -0500 (CDT)
Message-ID: <LYR839-83322-2000.05.12-07.44.28--
lyris.aprsnews#tappr.org@lists.tappr.org>
From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Subject: [aprsnews] test - ignore this message
Date: Fri, 12 May 2000 07:42:26 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
X-Message-Id: <8204E40F8922D411A0C10008C7A42AC22355D5@MRDNEXCH01>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

test

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Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id NAA20005
for <lyris.aprsnews@tappr.org>; Fri, 12 May 2000 13:21:12 -0500 (CDT)
Mime-Version: 1.0
X-Sender: mcmusick@mail.anet-stl.com
Message-Id: <LYR839-83380-2000.05.12-13.22.46--
lyris.aprsnews#tappr.org@lists.tappr.org>
Date: Fri, 12 May 2000 13:08:44 -0500
To: "APRS Announcements" <aprsnews@lists.tappr.org>
From: Mike Musick <mcmusick@anet-stl.com>
Subject: [aprsnews] Los Alamos Maps in APRS Formats
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>

X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <p04310100b541f7fd5ed8@[208.4.34.82]>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Two maps have just been uploaded to cover the Los Alamos situation
for APRS users who need the native formats:

Win/MacAPRS:

<ftp://ftp.tapr.org//aprssig/maps/WinMacMaps/Los%20Alamos.map>

pocketAPRS:

[ftp://ftp.tapr.org//aprssig/palmstuff/palmmaps/01Maps%20with%20Labels/
Los%20Alamos.pdb](ftp://ftp.tapr.org//aprssig/palmstuff/palmmaps/01Maps%20with%20Labels/Los%20Alamos.pdb)

Apologies for the non-compressed Win/Mac file, but I have had
problems with the Mac-based ZIP program corrupting large maps and
wanted to make sure that a good map was available as quickly as
possible.

...mike/N0QBF

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From bounce-aprsnews-839@lists.tappr.org Thu Jun 1 07:20:24 2000
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id HAA26232
for <lyris.aprsnews@tappr.org>; Thu, 1 Jun 2000 07:20:23 -0500 (CDT)
Date: Thu, 1 Jun 2000 1:44:7
Subject: [aprsnews] UIDIGI 1.7 Released
To: "APRS Announcements" <aprsnews@lists.tappr.org>
From: "Marco Savegnago" <mssave@tin.it>
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
Sender: bounce-aprsnews-839@lists.tappr.org
Message-Id: <LYR839-87806-2000.06.01-07.22.49--
lyris.aprsnews#tappr.org@lists.tappr.org>
Precedence: bulk

Hello, the final version of UIDIGI 1.7 is available to download following
the link at the URL:

<http://space.tin.it/computer/mssavegna/uidigi.htm>

or

<http://gw.ir3ip.ampr.org/~iw3fqg/uidigi.htm>

Bye.

Marco IW3FQG

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From bounce-aprsnews-839@lists.tappr.org Sun Jun 11 18:53:40 2000
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id SAA26813
for <lyris.aprsnews@tappr.org>; Sun, 11 Jun 2000 18:53:39 -0500 (CDT)
Date: Sun, 11 Jun 2000 16:09:50 -0400
From: Bruno Quesnel <quesnelb@ve2.ele.etsmtl.ca>
Subject: [aprsnews] APRSD dev page
Sender: bounce-aprsnews-839@lists.tappr.org
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Reply-to: quesnelb@ve2.ele.etsmtl.ca
Message-id: <LYR839-90271-2000.06.11-18.56.39--

lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-version: 1.0
Content-type: MULTIPART/ALTERNATIVE;
BOUNDARY="Boundary_(ID_4NRe8uJ3jpYscS+KOhNdvw)"
X-Accept-Language: en
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <3943F20E.F4E47A0F@ve2.ele.etsmtl.ca>
Precedence: bulk

--Boundary_(ID_4NRe8uJ3jpYscS+KOhNdvw)
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Hi to all,

Some of you may now that I intend help/continue what Dale began with aprsd.

I've now put up a web page for my project. It is done under the supervision of a class that I will take this fall, but the developement has already began.

You'll find all the information you need on the page, or else, please send me an email and the info will be added. Appreciate any comments good/bad, anything....

here is the site : <http://ve2.ele.etsmtl.ca/projets/aprs.html>

Thanks for your attention.

--
Bruno Quesnel
Genie Electrique
Electrical Engineering
Ecole de Technologies Superieure
va2bmg@videotron.ca
quesnelb@ve2.ele.etsmtl.ca
queb1604@ele.etsmtl.ca
VA2 BMG

--Boundary_(ID_4NRe8uJ3jpYscS+KOhNdvw)
Content-type: text/html; charset=us-ascii
Content-transfer-encoding: 7bit

<!doctype html public "-//w3c//dtd html 4.0 transitional//en">

From bounce-aprsnews-839@lists.tapr.org Fri Jul 14 13:16:02 2000
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id NAA11946
for <lyris.aprsnews@tapr.org>; Fri, 14 Jul 2000 13:15:59 -0500 (CDT)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Fri, 14 Jul 2000 14:06:06 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] New APRSdata version
Message-ID: <LYR839-96579-2000.07.14-13.20.11--
lyris.aprsnews@tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <Pine.GS0.4.05L.10007141352150.159-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

There is a new version of the APRSdata.EXE program. As you know, this program runs on a DOS PC and automatically feeds Satellite PASS data to all D700 and D7 HT's and Mobiles in the area so that they need no prior knowledge to operate through any of the 7 or so FM satellites...

APRSdata also responds to QDOS Queries to provide local information about the nearest objects, locations, or information included in the Query... such as HAM Stores, Wrecks, Digis, Gates, Hospitals, EOC's, Clubs, nets, etc..

Here are the new changes in this version:

- 1) It can be configured to automatically convert raw remote WX stations data to APRS format so that those stations will SHOW on D7 and D700 mobiles in the area. Currently Mobiles wont see this info...
- 2) Other minor tweaks:
 - a) Now has a NEXT (-) command so you can see the "previous" 2 hours of satellite passes (that you may have missed)
 - b) Fixes bug that caused two APRSdata servers in overlapping areas from canceling each others Satellite Objects.

Download <ftp://tapr.org/aprssidg/dosstuff/APRSdos/adat-exe.zip>

de WB4APR, Bob

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From bounce-aprsnews-839@lists.tapr.org Sun Jul 16 10:28:24 2000
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id KAA04189
for <lyris.aprsnews@tapr.org>; Sun, 16 Jul 2000 10:28:21 -0500 (CDT)
Message-Id: <LYR839-96872-2000.07.16-10.32.54--
lyris.aprsnews#tapr.org@lists.tapr.org>
Subject: [aprsnews] APRS Symposium at DCC
Date: Sun, 16 Jul 2000 09:19:57 -0400
From: Steve Dimse <sdimse@earthlink.net>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <200007161320.GAA21993@snipe.prod.itd.earthlink.net>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Once again it is time to start planning for the APRS Symposium at the
Digital Communication Conference. It will be held Friday, Sept 22, 2000
in Orlando. More info on the conference is available at

<http://www.tapr.org/dcc>

This is as close as APRS comes to a national convention, past years have
drawn most of the movers and shakers within APRS. If you love APRS,
you'll love the Symposium!

The APRS Symposium will run roughly from 1PM to 7PM, exact times to be
determined. Undoubtably the usual suspects will be presenting, but I
especially want to encourage people that haven't presented before to do
so.

Anyone (including the usual suspects, I will not chase you down this
year) that will be there and wishes to present should notify me within
the next week, including the topics you wish to present and the amount of

time you would like.

If you aren't going to DCC but have something to share, consider submitting it for publication in the proceedings anyway, it is a good way to get information published. Deadline is August 7, details on submission are available at the above DCC web site.

See you there!

Steve K4HG

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From bounce-aprsnews-839@lists.tapr.org Tue Jul 18 20:21:22 2000
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id UAA21242
for <lyris.aprsnews@tapr.org>; Tue, 18 Jul 2000 20:21:22 -0500 (CDT)
User-Agent: Microsoft-Outlook-Express-Macintosh-Edition/5.02.2022
Date: Tue, 18 Jul 2000 21:20:43 +0000
Subject: [aprsnews] 19th Annual ARRL and TAPR Digital Communications Conference
From: Stan Horzempa <stanzepa@mail2.nai.net>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Message-ID: <LYR839-97262-2000.07.18-20.25.46--
lyris.aprsnews#tapr.org@lists.tapr.org>
Mime-version: 1.0
Content-type: text/plain; charset="ISO-8859-1"
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <B59A7AAB.9BB%stanzepa@ct2.nai.net>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk
Content-Transfer-Encoding: 8bit
X-MIME-Autoconverted: from quoted-printable to 8bit by tapr.org id UAA21242

Press Release: July 6th, 2000

19th Annual ARRL and TAPR Digital Communications Conference

2000 ARRL and TAPR Digital Communications Conference
September 22-24, 2000
Orlando, Florida

It is that time again! Time to start making your travel plans and thinking about what to publish for the upcoming 19th Annual ARRL and TAPR Digital Communications Conference.

The ARRL and TAPR Digital Communications Conference is an international forum for radio amateurs in digital communications, networking, and related technologies to meet, publish their work, and present new ideas and techniques for discussion. Presenters and attendees will have the opportunity to exchange ideas and learn about recent hardware and software advances, theories, experimental results, and practical applications. The Digital Communications Conference is not just for the digital expert, but for digitally-oriented amateurs of all levels of experience.

The 2000 ARRL and TAPR Digital Communications Conference will be held September 22-24, 2000 in Orlando, Florida. This year's conference location is just minutes away from the Orlando International Airport (MCO).

Not only is the Digital Communications Conference technically stimulating, it is a weekend of fun for all who have more than a casual interest in any of the ham digital communications modes. This includes networkers, sysops, software writers, modem designers, and digital satellite communications enthusiasts. The ARRL and TAPR Digital Communications Conference is for all levels of digital operators -- a must conference to attend to get active on a national level. Now, more than ever, amateur radio needs this great meeting of the minds, since it is important that we demonstrate a continued need for the frequency allocations we now have by pushing forward and documenting our achievements. The ARRL and TAPR Digital Communications Conference is one of the few ways to record our accomplishments and challenge each other to do more.

Area Attractions

The Orlando Florida area is famous for its attractions and vacation spots.† Disney World, Universal Studios, and Sea World (just to name a few) are within 15 minutes of the hotel. Shuttle service from the hotel will be available for a small fee. Cape Canaveral and Cocoa Beach are a 30 minute drive East of the hotel.

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])

by tapr.org (8.9.3/8.9.3/1.13) with SMTP id JAA01046
for <lyris.aprsnews@tapr.org>; Wed, 19 Jul 2000 09:55:11 -0500 (CDT)
Message-Id: <LYR839-97394-2000.07.19-09.59.43--
lyris.aprsnews@tapr.org@lists.tapr.org>
Subject: [aprsnews] APRS Symposium at DCC
Date: Wed, 19 Jul 2000 10:26:29 -0400
From: Steve Dimse <sdimse@earthlink.net>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <200007191426.HAA07951@falcon.prod.itd.earthlink.net>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

>Anyone (including the usual suspects, I will not chase you down
>this year) that will be there and wishes to present should notify
>me within the next week, including the topics you wish to present
>and the amount of time you would like.

So far, with half the week gone, I have gotten requests from only these people:

The Sproul Brothers
John Hansen
Tom Schaefer
John Blowsky
Darryl Smith

If you are going to be at the DCC and wish to talk at the APRS symposium, you must let me know in the next few days. Please include the topic and the length of time you would like.

APRS AUTHORS TAKE NOTE

I am not chasing people down, if I don't hear from you by Sunday I will presume you do not wish to present. There are simply too many authors now for me to do this individually...

Everyone else take note

I'd love to see more of you presenting!

Thanks,

Steve K4HG

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Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id JAA09649
for <lyris.aprsnews@tappr.org>; Sat, 5 Aug 2000 09:15:10 -0500 (CDT)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Sat, 5 Aug 2000 08:34:57 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tappr.org>
cc: aprsnews@lists.tappr.org
Subject: [aprsnews] Packet Police
Message-ID: <LYR839-100829-2000.08.05-09.20.34--
lyris.aprsnews@tappr.org@lists.tappr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
X-Message-Id: <Pine.GS0.4.05L.10008050755490.28073-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

Here is one for the Packet Police or the Pin-Patrol:

AD4***>ID:WIDE,WIDE6-6,TRACE6-6 (Full call not shown)

A total of 13 hops and its a DIGIPEATER! If each WIDE can see about 3 other WIDES, then this packet could have generated over 1.6 MILLION packets ($1 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3$). We dont need this kind of lunacy on our network.

I could care less where a digipeater is beyond its LOCAL area!
If I want to look into South Carolina just overlay the DIGIS.POS file.
In DOS, just hit MAPS-OVERLAY-DIGIS!

I DO agree that a digi should show its presence and that it is alive frequently to its OWN LOCAL users, Beyond that, it should be in the DIGIS.POS file. It also needs to show it self to the surrounding area at a rate proportional to driving time between areas. I recommend something like:

- 1) Once to Jeff Brenton where it is incorporated into DIGIS.POS for ALL
- 2) Every 10 min DIRECT
- 3) Every 30 Min VIA TRACE,TRACE or VIA TRACE2-2
... and if you must...
- 4) Every 60 min via TRACE,TRACE,TRACE,TRACE or VIA TRACE4-4

Local conditions may vary.

EVERYONE PLEASE:

- 1) do a MAPS-PLOTS-DIGI or whatever the command is in your version of APRS and confirm that YOUR loca digis are plotted in DIGIS.POS
- 2) Check out the path of your digis and be sure they are considerate of others... If they ARENT, THEN GET THEM FIXED!

de WB4APR, Bob

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From bounce-aprsnews-839@lists.tapr.org Sat Aug 5 09:16:23 2000
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id JAA09940
for <lyris.aprsnews@tapr.org>; Sat, 5 Aug 2000 09:16:22 -0500 (CDT)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Sat, 5 Aug 2000 09:05:32 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: aprsnews@lists.tapr.org
Subject: [aprsnews] Re: [aprssig] Packet Police
In-Reply-To: <LYR10461-100812-2000.08.05-07.41.10--
bruninga#nadn.navy.mil@lists.tapr.org>
Message-ID: <LYR839-100832-2000.08.05-09.21.46--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.10008050841540.28073-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

More for the Packet Police or Pin Patrol. Note, These have ALL been heard in the last hour and ALL are within 2 Hops of Baltimore. (I'm set to IGNORE all packets beyond this)... P.S. ALL OF THESE STATIONS are within 2 hops of at least 3 Igates!

If we wonder what is wrong with our network This is it...

W4RDx W,W6-6 2 stations
KD4Zx W,W,W,T3-3
KA4Kxx W,W4-4
K4Fx W,W4-4
W4SAx W,W6-6
KF4Pxx W,W6-6
KC4Zxx w,w,w6-6
KA3Zxx W,W,W5-5
WJ3x W,W,W3-3
KQ4Mx W,W6-6 2 stations
N3ZLx W,W,T3-3
WD4Hxx W,W4-4
KE4Hxx W,W6-6
KE4Fxx W,W4-4
AD4Tx W,W4-4
KB9Dxx W,W4-4
WA4Rxx W,W6-6
KE4Ixx W,W6-6
WX4Gxx W,W6-6
K4ROx W,W6-6

In my opinion in THIS area, (Mid Atlantic State) we dont need anything beyond 3 hops. Maybe 4 for special occassions, but 5 and 6 I can just see no value for.

A WIDE,WIDE6-6 packet can generate as many a 730 copies. YES, the DUPES are eliminated in the LOCAL area, but it will still generate 730 copies everywhere else where they could all care less about your station!

de WB4APR, Bob

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])

by tapr.org (8.9.3/8.9.3/1.13) with SMTP id PAA28511
for <lyris.aprsnews@tapr.org>; Sat, 5 Aug 2000 15:13:38 -0500 (CDT)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Sat, 5 Aug 2000 11:49:28 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: aprsnews@lists.tapr.org
Subject: [aprsnews] Re: [aprssig] Packet Police
In-Reply-To: <LYR10461-100812-2000.08.05-07.41.10--
bruninga@nadm.navy.mil@lists.tapr.org>
Message-ID: <LYR839-100892-2000.08.05-15.19.02--
lyris.aprsnews@lists.tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.10008051144580.963-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

> A total of 13 hops and its a DIGIPEATER! If each WIDE can see about 3
> other WIDES, then this packet could have generated over 1.6 MILLION
> packets (1*3*3*3*3*3*3*3*3*3*3*3*3).

OOPS, Obviously this analysis is flawed because it overlooks that many
digis will have already heard the packet. A more realistic figure for
DIGIS that can all hit 4 other digis is this:?

PATH	# OF COPIES
------	-------------

-----	-----
WIDE	1
WIDE2-2	5
WIDE3-3	13
WIDE4-4	29
WIDE5-5	61
WIDE6-6	125

Still an awful lot of packets for everyone else
that isnt interested where you are 2 states away

de WB4APR, Bob

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id KAA05233
for <lyris.aprsnews@tapr.org>; Sun, 6 Aug 2000 10:08:42 -0500 (CDT)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Sun, 6 Aug 2000 11:02:07 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: aprsnews@lists.tapr.org
Subject: [aprsnews] Re: [aprssig] Re: Packet Police
In-Reply-To: <LYR10461-100872-2000.08.05-10.58.29--
bruninga@nadn.navy.mil@lists.tapr.org>
Message-ID: <LYR839-100999-2000.08.06-10.14.11--
lyris.aprsnews@tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.10008061045460.15921-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

My intent in this thread was not to condemn any individual user, but to alert us all to be careful with path selections (in your area). Path usage is regional in nature, so there is no one answer for all.

I had not actually looked at paths in over a year or so, and was shocked to see the number of WIDE6-6's here in the mid-atlantic area where we have digis every 30 miles and almost as many IGates.

For other DOS users, you can instantly check these paths out.

- 1) Go to the Digi-Path page
- 2) hit JUST-WIDE6

And you will get a list of all calls that are using WIDE6 in their path. etc...

THE AMAZING THING is that we dont have a WIDEn-N network! Only 13 out of the 50 digis I can see from Baltimore are WIDEn...

I think this tells us that people are sticking in WIDE6-6 because they see it on other peoples paths and are just using it without thinking... Remember, most of the APRS people on the air now were not with us back before the smart digis when WIDE,WIDE was the absolutely longest path possible without on-air melt-down due to DUPES.

Again, WIDE6-6 may be appropriate in your area, but in general it may not be elsewhere...

Be considerate in your path and also be considerate when you discuss the issue with someone else who may have a different opinion than yours.. :-)

de WB4APR, Bob

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Questions regarding the SIG go to the SIG administrator: wallou@tapr.org

From bounce-aprsnews-839@lists.tapr.org Mon Aug 7 09:03:05 2000
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id JAA05240
for <lyris.aprsnews@tapr.org>; Mon, 7 Aug 2000 09:03:04 -0500 (CDT)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Sun, 6 Aug 2000 22:52:56 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: aprsnews@lists.tapr.org
Subject: [aprsnews] Re: [aprssig] Re: Packet Police
In-Reply-To: <LYR10461-100995-2000.08.06-10.07.59--bruninga#nadn.navy.mil@lists.tapr.org>
Message-ID: <LYR839-101176-2000.08.07-09.08.35--lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.10008062246250.25394-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

South Carolina

Can someone elmer the AD4xx station in SC? Now he has changed his path from the WIDE,WIDE6-6,TRACE6-6 to something shorter...

WIDE,WIDE4-4,GATE

ARGH! The WIDE,WIDE4-4 will generate 61 copies of the packet, and 29 of them will be looking for an HF gateway! If they are all successful, this will be 29 consecutive HF packets at 3 seconds each for a total key down of 1.5 minutes for every packet from that station!

In general, NEVER use GATE in a VHF path. Special exceptions may apply if you are on a SPECIAL trip AND you have a special reason to QRM the very low bandwidth HF net. With APRServe, you will be seen far better on VHF anyway!

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From bounce-aprsnews-839@lists.tapr.org Wed Aug 16 11:44:28 2000
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id LAA08875
for <lyris.aprsnews@tapr.org>; Wed, 16 Aug 2000 11:44:27 -0500 (CDT)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Wed, 16 Aug 2000 11:58:36 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: TAPR APRS Special Interest Group <aprssig@tapr.org>,
aprsnews@lists.tapr.org
Subject: [aprsnews] RE: [aprssig] Re: Is it APRS or Packet?
In-Reply-To: <BF01BF9F0651D311B7A100104B716B90B17FD7@SHPMAIL>
Message-ID: <LYR839-103060-2000.08.16-11.50.22--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.10008161027580.9020-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org

Precedence: bulk

Might be time for a rehash of this:

APRS was designed for local nets to allow real-time exchange of small data items among all participants. To work as designed, everyone must be able to see all packets from everyone and each person must set up his path to hit the "common" area. Here is a SAMPLE worksheet that roughly applies to the topology we have here in *Maryland*. Your area will vary greatly based on terrain & population density...

TYPE OF EVENT	TYPE OF RANGE	TYPE OF DIGIS	# OF HOPS	DESIGN # of Movng	OPTIMUM USERS/RATE Fixed	ON 144.39 WE SEE ACTUAL USERS	ACTUAL RELIABILITY
Local	2 mi	Direct	0	40 @1	or 60 @10	2	Outstanding
Local	8 mi	one central	1	20 @1	or 30 @10	10	Excellent
County	16 mi	1 TALL digi	2	20 @2	or 30 @20	30	Good
Region	64 mi	Many talls	3	15 @3	or 20 @30	120	Marginal
State	128 Mi	Many Many	4	8 @3	or 10 @30	480	Poor

NOTE: With the "OPTIMUM" number of users shown above, the network stays below the ALOHA optimum of about 18% channel loading and *everyone* (even the state level system) sees GOOD RELIABLE APRS communications.

BUT!: With "normal" everyday APRS activity on 144.39, you can only get good results over about 2 hops before QRM begins to drastically cut down on reliability.

99% OF THE TIME: most of us use APRS in the POOR Category for FUN! But that is *not what it is designed to do* and no one should plan on it that way unless they can tolerate the lack of reliability over greater areas.

IGATES: Notice, however, that we can still go to more and more IGates, and expect WORLDWIDE GOOD communications as long as there is an IGate within each local net. THis way, two communicating stations are still only 2 RF hops apart anywhere on the planet!

CONCLUSION: We must be careful to not try to use APRS in applications where it cannot work well... But conversly, it will work far better than you actually see on the air, if you operate your "SEPCIAL EVENT" at thee optimum rates and somehow avoid the QRM coming from out of area...

de WB4APR, Bob

> > After my conversation with Scott, I see no reason to abandon traditional
> > packet and will continue to promote both [it and APRS] in Missouri.
>

> I agree. APRS should be used in a situation where everyone needs live
> access to the same data. This is the bulk of the "where is" and
> "bulletin" type traffic to keep everyone involved informed of what is
> going on as a "situation"....
>
> APRS should *not* be used for point-to-point messaging or bulk delivery of
> data. Regular packet does this better. Local APRS planning should
> include alternate freqs for conventional packet. Plan for it.
>
> It would seem that starting from scratch with no existing system, I think
> that a single DIGI and APRS is the first thing needed in a "situation"
> then, once that is in place, then expand the capabilities to the pt-to-pt
> traffic and bulk needs... with other equipment.
>
> de WB4APR, bob

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From bounce-aprsnews-839@lists.tapr.org Thu Aug 24 08:43:12 2000
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id IAA26707
for <lyris.aprsnews@tapr.org>; Thu, 24 Aug 2000 08:43:11 -0500 (CDT)
From: "Rob Wittner" <rmw@rwa-inc.com>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] APRS/CE Update (New Build)
Date: Thu, 24 Aug 2000 09:20:43 -0400
Message-ID: <LYR839-104784-2000.08.24-08.49.16--
lyris.aprsnews@tapr.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
X-Priority: 3 (Normal)
X-MSMail-Priority: Normal
X-MimeOLE: Produced By Microsoft MimeOLE V5.00.2919.6700
Importance: Normal
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <NCBBLCALKLCLLFGBMFCMOELPDMAA.rmwa@rwa-inc.com>
Sender: bounce-aprsnews-839@lists.tapr.org

Precedence: bulk

A new build of APRS/CE is available for download. Please check
<http://www.tapr.org/~aprsce/> .

This is build 777, and it will expire on October 31, 2000.

A few "nuisance" or bug fixes have made it in this build, but not many. I have devoted most of my APRS/CE energy to getting a native Pocket PC version to work. (Hey, I have a new iPaq, and wanted a native version to play with myself. ;-) Getting the code tweaked for Pocket PC (3.0), without breaking 2.0, 2.01, and 2.11 machines has been a challenge. The Pocket PC OS is nice and stable, but sometimes you have to do a serious amount of mining in the developer documentation to find what you are looking for.

The good thing about getting the Pocket PC conversion and build process working correctly is that newer versions with more bug fixes and added features will be able to be built in a relatively short amount of time. I have eliminated the "unknown quantity" problems that are always present with a new OS.

Please download this new version when you can, and let me know if I've managed to break any of the existing platforms. (I wish I could own an example of **every** platform, but my last name isn't Rockefeller. ;-)

Thanks for all of your positive feedback, continued interest and support. It makes it all worthwhile!

73

-Rob
KZ5RW

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From bounce-aprsnews-839@lists.tapr.org Mon Aug 28 21:13:54 2000
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id VAA20326
for <lyris.aprsnews@tapr.org>; Mon, 28 Aug 2000 21:13:53 -0500 (CDT)
User-Agent: Microsoft-Outlook-Express-Macintosh-Edition/5.02.2022
Date: Mon, 28 Aug 2000 22:12:58 +0000

Subject: [aprsnews] ANNOUNCEMENT: ARRL/TAPR 19th Annual DCC Sep. 22-24
From: Stan Horzempa <stanzepa@mail2.nai.net>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Message-ID: <LYR839-105754-2000.08.28-21.20.23--
lyris.aprsnews#tapr.org@lists.tapr.org>
In-Reply-To: <DEEIIIECOPELFOEIOFHLGIEGCDABAA.n7hpr@amsat.org>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <B5D0892F.1E3D%stanzepa@ct2.nai.net>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Notice:

September 1, 2000 is the last day to receive the special hotel room rate of \$89/night single or double and the pre-registration price for the conference.

ARRL and TAPR 19th Annual
Digital Communications Conference
September 22-24, 2000 - Orlando, Florida

For more information see: <http://www.tapr.org/dcc>

Information

Mark your calendar and start making plans to attend the year's premier event in digital communications. The 19th Annual ARRL and TAPR Digital Communications Conference will be held September 22-24, 2000, in Orlando, Florida - just minutes from the Orlando International Airport.

The ARRL and TAPR Digital Communications Conference is an international forum for radio amateurs in digital communications, networking, and related technologies to meet, publish their work, and present new ideas and techniques for discussion. Presenters and attendees will have the opportunity to exchange ideas and learn about recent hardware and software advances, theories, experimental results, and practical applications. The Digital Communications Conference is not just for the digital expert, but also for digitally oriented amateurs of all levels of experience.

A Conference for the Beginner as well

The conference is not just for the digital expert. As in years past an

entire session strand with beginning, intermediate, and advanced presentations on selected topics in digital communications will be offered. Some of the topics will include: APRS, Satellite Communications, TCP/IP, Digital Radio, Spread Spectrum and other introductory topics. Come to the conference and hear these topics presented by the experts!

Area Attractions

The Orlando Florida area is famous for its attractions and vacation spots. Disney World, Universal Studios, and Sea World (just to name a few) are within 15 minutes of the hotel. Shuttle service from the hotel will be available for a small fee. Cape Canaveral and Cocoa Beach are a 30 minute drive East of the hotel.

Symposia, Seminars and Banquet

Two symposia/seminars will be held which allow those with additional time and interest to make the most of the Conference. For those who may have interest in just one symposium or seminar, registration for the conference is not required to attend these activities. This allows maximum flexibility for those who may want to participate during the Digital Communications Conference, but do not have an entire weekend to devote to the event.

The Fourth APRS National Symposium will be held on Friday and will be moderated by Steve Dimse, K4HG (the developer of javAPRS). It will likely include many APRS software authors, such as Bob Bruninga, WB4APR (the father of APRS), Keith Sproul, WU2Z, Mark Sproul, KB2ICI (the developers of MacAPRS and WinAPRS), Brent Hildebrand, KH2Z (the developer of APRSPUS), Mike Musick, N0QBF (developer of PocketAPRS), and other nationally known APRS leaders. Join this group for the afternoon and evening for in-depth discussions and presentations on the current and future status of APRS. This is a unique opportunity to gain insight into this fast-growing digital aspect of amateur operations that combines computers, packet radio, and GPS (Global Positioning System).

On Saturday night the DCC Banquet will be held. A guest speaker will speak after the banquet and a prize drawing will top the evening. The Grand Prize is a Palm VII Personal Digital Assistant and Synergy Systems LLC has donated two M12 development kits and many more.

The Sunday morning seminar will be focused on PIC development, design, and programming. This five-and-a-half hour seminar will focus on the things you need to know now in order to understand and begin to participate in PIC development.

Co-Hosts

The 2000 ARRL and TAPR Digital Communications Conference local co-hosts will be:

Lake Monroe Amateur Radio Society

(<http://www.qsl.net/lmars/>),

Orange County ARES/RACES

(<http://evcom.net/~jvoisin/ares.htm>),

Seminole County ARES/RACES

(<http://www.geocities.com/capecanaveral/launchpad/4773>),

and Orlando Amateur Radio Club

(<http://www.oarc.org/>).

International Co-Hosts PRUG (Packet Radio User Group of Japan) will be the International co-host for a third year running. PRUG will be hosting an informal social Friday evening before their seminar and symposium is held. Visit <http://www.prug.or.jp> for more information about PRUG.

Hotel

Conference presentations, meetings, and seminars will be held at the Orlando Airport Marriott. It is highly recommended that you book your room prior to arriving. A special DCC room rate of \$89/single and \$89/double per night has been blocked for 50 rooms and is available until September 1st, 2000. Once the 50 rooms have been reserved, room rates will increase. So be sure to book your rooms early! The hotel provides transportation to and from the Orlando International Airport. Please contact the hotel to arrange specific transportation needs.

Orlando Airport Marriott (conference hotel)

7499 Augusta Drive

Orlando, FL 32822

Phone 407-851-9000, Fax 407-857-6211

(<http://marriott-hotels.com/MCOAP/>)

What you can expect at DCC 2000

- A full day of papers and breakouts for the beginner to the advanced
- Two seminars/symposiums
- The fifth annual Student Paper session.
- A banquet with Special Guest Speaker.
- Informal get-togethers throughout the weekend.
- TAPR Membership Meeting
- An event at which the most important new developments in amateur digital communications are announced.
- Digital 'movers and shakers' from all over the world in attendance.

There are few activities where your participation can be so much fun and important! What a great way to share and renew your enthusiasm for digital amateur radio! A get-together with colleagues and bringing each other up to date on your latest work -- all this, and more, for an unforgettable weekend of amateur radio and digital communications. We hope to see you at the ARRL and TAPR Digital Communications Conference on September 22-24, 2000!

Full information on the conference and hotel information can be obtained by contacting:

Tucson Amateur Packet Radio

Phone: (940) 383-0000.

Fax: (940) 566-2544

Email: tapr@tapr.org

Web: <http://www.tapr.org>

Registration Form

Contact the TAPR office by Phone 940-383-0000, Fax 940-566-2544, or
Internet: <http://www.tapr.org> and tapr@tapr.org to register or for
additional information.

Conference Registration includes: Conference Proceedings, Sessions,
Meetings, and Lunch on Saturday.

- Pre-Registration (before Sept 1st)

\$45.00 _____

- Registration (after Sept 1) or at door

\$55.00 _____

- Saturday Evening Dinner (Limited Space)

Dinner with Guest Speaker

Prize Drawing

\$30.00 _____

Symposia/Seminars

- 4th Annual APRS National Symposium

Friday, 1pm - 7pm. \$25.00 _____

- Sunday Seminar

PIC Design, Development, and Programming

Sunday, 8:30 am - 2 pm. \$20.00 _____

TOTAL _____

Name/Call:

Street Address:

City/State/Zip:

Country:

Phone Number:

Email:

Charge my credit card (circle one):

VISA MasterCard

Acct:

Expiration Date:

Signature on card:

Mail completed registration form with check to:

TAPR

8987-309 E Tanque Verde Rd #3378

Tucson, AZ 85749-9399

Or check <http://www.tapr.org/dcc> for an on-line registration form.

A registration packet will be mailed in September upon receipt of registration form and payment.

You are currently subscribed to dsp as: SRBIBLE@GATE.NET

To unsubscribe send a blank email to leave-dsp-3222B@lists.tapr.org

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To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org

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From bounce-aprsnews-839@lists.tapr.org Wed Aug 30 13:27:47 2000

Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])

by tapr.org (8.9.3/8.9.3/1.13) with SMTP id NAA20449

for <lyris.aprsnews@tapr.org>; Wed, 30 Aug 2000 13:27:44 -0500 (CDT)

From: "Rob Wittner" <rmw@rwa-inc.com>

To: "APRS Announcements" <aprsnews@lists.tapr.org>

Subject: [aprsnews] APRS/CE Build 806 Available
Date: Wed, 30 Aug 2000 14:06:40 -0400
Message-ID: <LYR839-106406-2000.08.30-13.34.11--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
X-Priority: 3 (Normal)
X-MSMail-Priority: Normal
X-MimeOLE: Produced By Microsoft MimeOLE V5.00.2919.6700
In-Reply-To: <LYR3572-104774-2000.08.24-08.28.28--RMW#RWA-INC.COM@lists.tapr.org>
Importance: Normal
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <NCBBLCALKLCLLFGBMFCMCECBDNAA.rmw@rwa-inc.com>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

APRS/CE Build 806 is available! Please check <http://www.tapr.org/~aprsce/> .

This fixes a few minor Pocket PC issues:

- The toolbar background now repaints correctly, eliminating BitBlt "droppings" on the unused portion of the bar.
- The splash dialog now has a border around it so it's visible on top of the startup map. It also provides instructions to "Tap here to close this window"
- Probably the most helpful change, and the whole reason I released this, is that the status bar has been re-added to the Pocket PC version. This will help to get serial connections debugged, as you can now watch the serial (and/or network) traffic on the bottom of your screen.

Build 777 is still available, in case there are problems with 806.

Please download and let me know your successes and/or trials.

Thanks,

-Rob
KZ5RW

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

From bounce-aprsnews-839@lists.tapr.org Fri Sep 1 08:11:43 2000
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id IAA06784
for <lyris.aprsnews@tapr.org>; Fri, 1 Sep 2000 08:11:41 -0500 (CDT)
Message-ID: <LYR839-106923-2000.09.01-08.18.14--
lyris.aprsnews@tapr.org@lists.tapr.org>
From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] APRS Protocol Specification Version 1.0
Date: Fri, 1 Sep 2000 08:10:27 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <8204E40F8922D411A0C10008C7A42AC2235859@MRDNEXCH01>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

From: John Ackermann [mailto:jra@febo.com]
Sent: Thursday, August 31, 2000 10:09 AM
To: TAPR APRS Special Interest Group
Subject: [aprssig] APRS Protocol Specification Version 1.0

I'm happy (you don't know *how* happy) to announce that APRS Protocol Specification Version 1.0 was approved by the APRS Working Group on August 29, 2000 and has been made available for download at the Working Group web page, <http://www.tapr.org/tapr/html/Faprswg.html>.

This Version 1.0 (technically, due to change control, version 1.0.1) document is nearly 130 pages long and does a tremendous job documenting the APRS protocol as used on the air in the summer of 2000. We should all thank the Working Group members, and especially Ian Wade, G3NRW, the Technical Editor who actually wrote the thing, for their hard work. Although the process took far longer than anyone anticipated when we started, I think the end result is definitely worth the wait.

Where do we go from here? Although this is an excellent document, it almost certainly still contains errors, omissions, and ambiguities. In addition, it reflects only the current protocol, and not any of the areas in which the protocol might be extended. The WG members will be meeting at the DCC in Orlando next month and electronically thereafter to put in place a mechanism to deal with requested corrections and enhancements. The WG Charter outlines a way to handle this, but experience has shown that

some modifications may be necessary for a workable process.

Also at the DCC and thereafter, the WG will consider adding new members. Since its founding, several new authors have come on the scene, and two of the original members have resigned. Any author of software or firmware implementing the APRS protocol who wishes to join the WG should contact me (jra@febo.com or n8ur@tapr.org) directly. Please -- we need to hear directly from those interested in joining, so rather than writing to ask that someone be considered, encourage that person to get in touch with me. Also, please remember that the WG is not affiliated with TAPR. Membership decisions will be made by the group, and I can't tell you now how many (if any) new members will be added.

73,

John Ackermann N8UR
Administrative Chair, APRS Working Group
jra@febo.com

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Questions regarding the SIG go to the SIG administrator: wallou@tapr.org

From bounce-aprsnews-839@lists.tapr.org Sat Sep 2 19:27:47 2000
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id TAA18507
for <lyris.aprsnews@tapr.org>; Sat, 2 Sep 2000 19:27:46 -0500 (CDT)
Message-ID: <LYR839-107174-2000.09.02-19.34.19--
lyris.aprsnews@tapr.org@lists.tapr.org>
From: "Henk de Groot" <henk.de.groot@hetnet.nl>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] DIGI_NED 0.1.7
Date: Sat, 2 Sep 2000 19:24:07 +0200
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit
X-Priority: 3
X-MSMail-Priority: Normal
X-MimeOLE: Produced By Microsoft MimeOLE V5.00.2919.6600
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0

List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <004e01c01502\$b7c17240\$5e9379c3@toshiba>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Hello,

I released a new version of DIGI_NED, version 0.1.7.

If you don't know what DIGI_NED is, it is a dedicated digipeater, does not have a GUI but is very stable and good at its job (If you disagree, tell me what's wrong and I fix it...). It runs in DOS on cheap 286 class PC's (or better) and on Linux using all kind of modems, from cheap BayCom/BayPack and YAM modem to KISS TNC's and SCC cards. It can have up to 8 ports so can also act as a cross-band digipeater. The source is published under the GPL licence.

There are a number of new things. First of all the SSID digipeating now works differently. The rules I had could cause loops and had some other problems. For the new method I had to implement a new rule "digissid:" and a new operation "keep". So now you have even more options now...

Furthermore DIGI_NED now has a "kenwood_mode:". This means that long messages are taken care of. There are 2 options: truncate or discard. When the "kenwood_mode:" is switched of then the digipeater works like the previous versions; when switched on the digipeater can not be used for AX.25 connections via the digi or use the digi for IP, NETROM or APR messages (since you cannot truncate those without problems when they are too long). Using the "kenwood_mode:" only AX.25 UI frames can be digipeated.

There is also good news for the French speaking people. Jean-philippe Aumaitre, F5SMZ, translated the DIGI_NED documents to French! The files are in FR_docu.zip inside the distribution package.

As usual the version is posted on APRS7@NLDNET (Packet Radio) as DNEXE017.ZIP. The source is not posted since it is a big too big to post everytime. The source, DNSRC017.ZIP, will appear on the web.

This version will, as soon as Remko - PE1MEW - has the time for it, become available on:

<http://www.homepages.hetnet.nl/~remko>

<http://home.hetnet.nl/~remko>
http://connect.to/digi_ned

Here are the changes from the Changes.txt file:

Changes.txt

01-09-2000 version 0.1.7

- Many thanks to Jean-philippe Aumaitre, F5SMZ. He translated the DIGI_NED documents to French! The files are in FR_docu.zip
- New rule: "digissid:". This rule behaves like "digito:" but now on frames that has digipeaters in the path. All these digipeaters shall be "unused", when one of them is "used" the "digissid:" rule will not be evaluated. Just like "digito:" the "digissid:" rule is only evaluated for UI type packets with PID set to F0 (normal AX.25). The "digissid:" rule was needed to correctly implement SSID digipeating. The old method had some problems because you could not see if a frame was already digipeated and it was not possible to determine if a station was local.
- New operation "keep". With "keep" the digipeater path is not changed, but you can manipulate the "digipeated" bit. For example "keep0" will leave the digipeater path unchanged, "keep" will use up the next digipeater in the path without changing the call. This was needed to correctly implement the new SSID digipeating rules.
- +-----+
| CHANGED THE "DIGIPEAT ON DESTINATION SSID" RULES. |
+-----+
You are encouraged to adopt these new rules and discard the old ones (search for "digito:" and you will find the rules in digi_ned.ini). The new method was verified with the APRS SIG at "<http://www.tapir.org>".
- Using the new SSID rules detection of "Local" stations is enhanced. This will avoid ping-pong effects and misinterpretation of "local" calls.
- Checking a call with "*-0" to test if a call does NOT have a SSID also works.
- You could send ?APRS? directed to digi_ned to ask for its beacons. It turns out ?APRSP was designated for this, so that is now also supported.
- The "list" in the sample digi_ned.mes was incomplete, forgot the the build-in queries. Added them, including the new ?APRSP command
- Changed the number of kept stations in the sample d_relay.ini file from 6 to 16. 6 is a bit small even for a simple Relay. 16 means max. 5 data-lines for a MH <port> query.
- Changed "digi_id.ini" into a status message by adding a ">" prefix
- Added a "Kenwood mode"

It appears that at least the TH-D7E can not handle formatted packets with a total length of more than 195 octets. The

formatting used internally seems to be the same as the monitor
format used by the build-in TNC.

```
SOURCE>ID,PATH,PATH*,PATH:Hey look at me, this is my long ID<CR>  
<----- Max 195 characters ----->
```

This problem applies to at least to UI packets with PID=F0 (normal
packet unproto frames). I've seen on a normal link that the
TH-D7E's APRS function also stops on other packets, but I could
not determine which packet types. Maybe all packets with lengths
above what the TH-D7E can take cause problems. I have no
information if other Kenwood models behave the same way as the
TH-D7E v2.0 does.

Long UI packets are legal to appear on the air. These are for
example FBB unproto packets, ID packets with a long length, APRS
packets with a long third party header or one of the few APRS
packets that do not have a length limit.

There are 3 kenwood_mode settings that have effect on UI packets
with PID=F0 (normal AX.25 UI frames):

- 0 = switch off, allow UI frames with size 256
- 1 = switch on, too long frames are truncated before transmission
- 2 = switch on, too long frames are not transmitted at all

Default is 1. In almost all cases it is just comment that is too long,
truncating that is no problem. But you can change it if you disagree.

When you choose anything else then 0, then only UI packets with PID=F0
are digipeated (normal AX.25 UI frames) and no other packets like I,
RR, REJ, SABM etc. are digipeated. Also no UI packets for Net/Rom,
IP and ARP are not digipeated when using this "kenwood_mode".
This is done because these packets are usually long and truncating
or not transmitting these packets causes corruption of data.

APRS[tm] is a Trademark of Bob Bruninga,
his home page is at "<http://web.usna.navy.mil/~bruninga/aprs.html>"

Kind regards,

Henk.

P.S. Changing the handling of paths that may potentially become too long
as discussed on the APRS SIG (www.tapr.org) is not included in this
version.

--

The difference between theory and practice in practice is bigger than the
difference between theory and practice in theory.

Henk de Groot | Apeldoorn, The Netherlands, J032AF
PE1DNN@PI8APD.#GLD.NLD.EU | NOKIA-ATF2, YAM Modem, Linux RedHat 5.2

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From bounce-aprsnews-839@lists.tapr.org Mon Sep 11 19:02:24 2000
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id TAA00786
for <lyris.aprsnews@tapr.org>; Mon, 11 Sep 2000 19:02:24 -0500 (CDT)
User-Agent: Microsoft-Outlook-Express-Macintosh-Edition/5.02.2022
Date: Mon, 11 Sep 2000 20:01:11 +0000
Subject: [aprsnews] DCC Update
From: Stan Horzepa <stanzepa@mail2.nai.net>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Message-ID: <LYR839-108813-2000.09.11-19.09.20--
lyris.aprsnews#tapr.org@lists.tapr.org>
In-Reply-To: <DEEIIIECOPELFOEI0FHLGIEBEDCAA.srbible@gate.net>
Mime-version: 1.0
Content-type: text/plain; charset="ISO-8859-1"
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <B5E2EA87.25D5%stanzepa@ct2.nai.net>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk
Content-Transfer-Encoding: 8bit
X-MIME-Autoconverted: from quoted-printable to 8bit by tapr.org id TAA00786

19th Annual ARRL/TAPR Digital Communications Conference
Orlando, FL ñ September 22-24, 2000

** Update 9/11/2000 **

A little more than one week away, the 19th Annual ARRL/TAPR Digital
Communications Conference is about to begin. For detailed information about
the conference, please visit the official DCC web page at

<http://www.tapr.org/dcc>.

Registration for the conference will be taken at the door. Friday registration is for an entire afternoon APRS activities, demonstrations, and presentations. Saturday registration includes conference proceedings, lunch, and a full day of presentations. Saturday night includes Banquet, dinner speaker, and prize drawing. Sunday registration is for the PICmicro Design seminar.

Banquet Prize Drawings:

Grand Prize ñ Kenwood TM-D700A (donated by Kenwood)
2nd Grand Prize ñ Palm VII Personal Digital Assistant
Two Motorola Oncore M12 GPS Evaluation Kits (donated by Synergy Systems, LLC)

Map and coordinates:

A map of the conference hotel and coordinates are available at
<ftp://ftp.tapr.org/dcc/dcc.hotel.map.pdf>

Speakers:

The following is a list of presenters. Preliminary schedule is available from <ftp://ftp.tapr.org/dcc/2000.dcc.schedule.pdf>

APRS Seminar - Friday September 22, 2000

John Ackerman, N9UR	APRS WG
Steve Bible, N7HPR	T-238 Weather Station
John Blowsky, KB2SCS	APRS LOOKUP
Steve Bragg, KA9MVA	HamHud
Bob Bruninga, WB4APR	APRSdos, satellite, etc.
Steve Dimse, K4HG	Internet APRS
Walter Dunckel, KD6VYV	Serial Control of D7/D700
John Hansen, W2FS	KISS TNC, D700 Keyboard
Dale Huguley, KG5QD	Weather Server
Larry Gahagan, AB0JM	Wildfire Support
Byon Garranrant, N6BG	TinyTrack
Mike Musick, N0QBF	PalmAPRS/Tracker construction
Robert Osband, N4SCY	Public Service with APRS
Tom Schaefer, NY4I	APRS Email Gateway
Darryl Smith, VK2TDS	APRS in the 2000 Olympics
The Sprouls, WU2Z/KB2ICI	Mac/Win/XAPRS
Rob Wittner, KZ5RW	APRS-CE

Main Session, Paper Presentation - Saturday 23, 2000

Titles and abstracts are available at
<http://www.tapr.org/tapr/html/Fcnc19.html>

EasyTrak, A PIC Based Rotor/Radio Controller Interface

By Steve Bible N7HPR

APRS Tiny Web Pages

By Bob Bruninga WB4APR

Channel Capacity Simulation of Peer-to-Peer Spread Spectrum Satellite Transponders

By Matthew Ettus N2MJI

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PIC-et Radio II: How to Receive AX.25 UI Frames Using Inexpensive PIC Microcontrollers

By John A. Hansen W2FS

Winlink 2000 ...A Global Ham Message Transfer and Deliver Network

By Hans Kessler N8PGR, Vic Poor W5SMM, Rick Muething KN6KZB, and Steve Waterman K4CJX

Frequency Offset Acquisition and Tracking Algorithms, Part 1 and Part 2

By Mohamed K. Nezami

External Common Gateway Interface (CGI) Access to FindU

By Thomas M. Schaefer NY4I

Server Applications within APRS Internet Server Environment

By Thomas M. Schaefer NY4I

APRS and the TAPR EasyTrak Az/El Rotor Control System

By Keith Sproul WU2Z

APRS and Kenwood TM-D700 Voice Messaging

By Keith Sproul WU2Z and Mark Sproul KB2ICI

Internet Wide Callsign Database using LDAP

By Mark Sproul KB2ICI

Automatic Voice Relay System

By Bob Bruninga WB4APR

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Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id MAA26243
for <lyris.aprsnews@tappr.org>; Mon, 18 Sep 2000 12:18:01 -0500 (CDT)
Message-ID: <LYR839-109972-2000.09.18-12.25.25--
lyris.aprsnews#tappr.org@lists.tappr.org>
From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Subject: [aprsnews] Final Update - DCC Orlando, FL Sep 22-24, 2000
Date: Mon, 18 Sep 2000 12:13:50 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tappr.org>>
X-Message-Id: <8204E40F8922D411A0C10008C7A42AC22358BB@MRDNEXCH01>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

From: Steven R. Bible [mailto:srbible@gate.net]
Sent: Monday, September 18, 2000 12:34 PM
To: picsig@lists.tappr.org; tacgps@lists.tappr.org; wxsig@lists.tappr.org;
hfsig@lists.tappr.org; dsp@lists.tappr.org; ss@lists.tappr.org
Subject: Final Update - DCC Orlando, FL Sep 22-24, 2000

19th Annual ARRL/TAPR Digital Communications Conference
Orlando, FL - September 22-24, 2000

** Final Update 9/18/2000 **

Counting down the final days until the 19th Annual ARRL/TAPR Digital Communications Conference this weekend in Orlando, Florida. For detailed information about the conference, please visit the official DCC web page at <http://www.tappr.org/dcc>.

Registration for the conference will be taken at the door. Friday registration is for an entire afternoon APRS activities, demonstrations, and presentations. Saturday registration includes conference proceedings, lunch, and a full day of presentations. Saturday night includes Banquet, dinner speaker, and prize drawing. Sunday registration is for the PICmicro Design seminar.

DCC Social:

Please join us Friday evening at 7:00 PM for a social get together time. The social is generously hosted by the Packet Radio Users Group of Japan (PRUG).

PRUG Presentation:

Friday night the Packet Radio Users Group of Japan will present talks on their progress on high-speed digital networks in Japan.

Saturday Night Banquet Speaker:

Mr. Doug Campbell, of Triton Network Systems (<http://www.triton-network.com>)

will be our DCC Banquet Speaker. Triton Network Systems is located in Orlando, Florida.

Vice President Product Management, Marketing, & International Business as Vice President of International Sales, Marketing and Product Management, Mr.

Campbell leads the assessment of global community needs and spearheads the development of Triton Network Systems' product and marketing strategies.

Mr. Campbell cultivated his management skills in sales, marketing and product development working 17 years for Nortel Networks. While based in Singapore, he built a multifunctional pan-Asian team, which successfully captured a 100% market share with MCI-WorldCom Asia, successfully introducing a number of new products. Prior to this, Mr. Campbell was instrumental in the establishment of an SDH broadband equipment joint venture in China and served as a member of the company's Board of Directors.

Mr. Campbell received a Bachelor of Engineering Physics degree from the Royal Military College of Canada in Kingston, Canada, and a Master of Business Administration from IMD (University of Lausanne) in Switzerland.

Banquet Prize Drawings:

Grand Prize - Kenwood TM-D700A (donated by Kenwood)

2nd Grand Prize - Palm VII Personal Digital Assistant (donated by TAPR)

Two Motorola Oncore M12 GPS Evaluation Kits (donated by Synergy Systems, LLC)

Microchip PICSTART-PLUS PICmicro Programmer (donated by Microchip)

PIC Seminar Prize Drawing

Microchip MPLAB-ICD (donated by Microchip)

Project and Demonstration Room:

The DCC is a place where people can talk about their projects and gain ideas

for new ones. The Project and Demonstration Room has become a recent DCC tradition where people can bring and display their projects. The room will be located next to the registration room and across the hall from the main presentation room. The Project and Demonstration Room will open at registration time and be closed (locked) 11:00 PM Friday and Saturday night.

Map and coordinates:

A map of the conference hotel and coordinates are available at
<ftp://ftp.tapr.org/dcc/2000.dcc.hotel.map.pdf>

Speakers:

The following is a list of presenters. PDF version available from
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Speaking schedule (subject to change) is available from
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Steve Bible, N7HPR	T-238 Weather Station
John Blowsky, KB2SCS	APRS LOOKUP
Bob Bruninga, WB4APR	APRSdos, satellite, etc.
Steve Dimse, K4HG	Internet APRS
Walter Dunckel, KD6VYV	Serial Control of D7/D700
John Hansen, W2FS	KISS TNC, D700 Keyboard
Dale Huguley, KG5QD	Weather Server
Larry Gahagan, AB0JM	Wildfire Support
Byon Garranrant, N6BG	TinyTrack
Mike Musick, N0QBF	PalmAPRS/Tracker construction
Robert Osband, N4SCY	Public Service with APRS
Tom Schaefer, NY4I	APRS Email Gateway
Darryl Smith, VK2TDS	APRS in the 2000 Olympics
The Sprouls, WU2Z/KB2ICI	Mac/Win/XAPRS
Rob Wittner, KZ5RW	APRS-CE

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By Keith Sproul WU2Z

APRS and Kenwood TM-D700 Voice Messaging

By Keith Sproul WU2Z and Mark Sproul KB2ICI

Internet Wide Callsign Database using LDAP

By Mark Sproul KB2ICI

Automatic Voice Relay System

By Bob Bruninga WB4APR

Introductory Sessions - Saturday 23, 2000

Intro to Packet Radio

By John Ackerman, N8UR

Intro to APRS

By Guy Story, KC5QOI

Intro to Digital Satellites

By Barry Baines, WD4ASW

Intro to HF Digital

TBD

Intro to Software Defined Radios

By Steve Bible, N7HPR

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From bounce-aprsnews-839@lists.tappr.org Sun Sep 24 20:32:06 2000
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id UAA10955
for <lyris.aprsnews@tappr.org>; Sun, 24 Sep 2000 20:32:05 -0500 (CDT)
Message-ID: <LYR839-110920-2000.09.24-20.39.38--
lyris.aprsnews#tappr.org@lists.tappr.org>
From: "Henk de Groot" <henk.de.groot@hetnet.nl>
To: "APRS Announcements" <aprsnews@lists.tappr.org>
References: <LYR19749-109972-2000.09.18-12.25.25--
Henk.de.Groot#hetnet.nl@lists.tappr.org>
Subject: [aprsnews] DIGI_NED 0.1.8
Date: Sun, 24 Sep 2000 20:09:49 +0200
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
X-Priority: 3
X-MSMail-Priority: Normal
X-MimeOLE: Produced By Microsoft MimeOLE V5.00.2919.6600
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tappr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tappr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tappr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tappr.org>>
X-Message-Id: <000e01c02652\$bb805f20\$c5224bd5@toshiba>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

Hello,

I released a new version of DIGI_NED, version 0.1.8.

If you don't know what DIGI_NED is, it is a dedicated digipeater, does not have a GUI but is very stable and good at its job (If you disagree, tell me what's wrong and I fix it...). It runs in DOS on cheap 286 class PC's (or better) and on Linux using all kind of modems, from cheap BayCom/BayPack and YAM modem to KISS TNC's and SCC cards. It can have up to 8 ports so can also act as a cross-band digipeater. The source is published under the GPL licence.

A nice new interesting feature in DIGI_NED this time, the DX function. With a message "DX" and a port number you can see the most remote located station the DIGI has received. Default it returns the best

and second best DX from the mheard list of the port, the best and second best DX of the last 24 hours and from the last hour (this can be changes of course). For example "DX 1" sends 3 messages in return:

DX-P1 of all	263.3 km	D0BRP	D04BH-1
DX-P1 of 24h	161,4 km	D04BH-1	PD0JBR-1
DX P1 of 1h	123.9 km	PA3ESK-2	PE1ABT-15

"DX 0" gives the best DX independen of the port. "MH 0" also works now by the way.

You can "zoom in" on a station by using DX with a call:
"DX PD0JBR-1" gives:

PD0JBR-1 138.1 km bearing 026 degrees

But that's not all! The DIGI can also send DX bulletins when a better "DX" is reveived. There is a threshold value, stations below the threshold never cause transmission of a DX bulletin. For stations above the threshold a DX message is transmitted when it is the best DX of the last hour. Of course this can be changed in DIGI_NED to suite your own needs.

Furthermore some small changes and a bug-fix regarding so called 'third-party' messages. Also nice is the "MH STAT" query to show the size of the mheard list and to see how old the oldest entry is.

As usual the version is posted on APRS7@NLDNET (Packet Radio) as DNEXE018.ZIP. The source is not posted since it is a big too big to post everytime. The source, DNSRC018.ZIP, will appear on the web.

This version will, as soon as Remko - PE1MEW - has the time for it, become available on the web:

The easiest way is via QSL.NET:

http://www.qsl.net/digi_ned

>From here you will find links to (among others):

<http://www.homepages.hetnet.nl/~remko>
<http://home.hetnet.nl/~remko>
http://connect.to/digi_ned

Changes.txt

20-09-2000 version 0.1.8

- Added '-a' cmdline flag, contributed by Alex, KG4ECV. With this flag you can see which queries enter the system, which ones are accepted and which ones are rejected. When you use this flag without '-v' then you have good overview what happens without suffering from information-overload.
- Not a new feature, but forgot to tell with 0.1.7. Now a beacon file can have more than 1 line. Each line is send as separate beacon. I build it in when I was experimenting with telemetry. For telemetry some messages need to be send which tells what the telemetry data means. It was neat to keep it in one file so it is transmitted as one block. The telemetry code itself didn't last, but the feature to have more lines in a beacon file was kept.
- Buglet in handling 3rd party headers. I patched the source call of the packet with the real call which is found in the 3rd party header. This was needed for the query functions so the answer would be send back to the correct station. Unfortunately it also damaged packets which were not directed to DIGI_NED at all or were not even messages. This caused all 3rd party packets to get send with as originator call the call of the real originiator from the 3rd party header and not with the call of the originator as it was received. Thanks to Alex, KG4ECV, for noticing and reporting it.
- MH now accepts port '0' which means 'all ports'.
- New rule called "digi_pos:". With "digi_pos" the position of the digipeater is defined, needed for the functioning of the DX functions below. Example: digi_pos: 5213.61N 00600.00E
- DIGI_NED has a DX function build in. First of all you can get distance information through queries. This works with the command ?DX. It works like ?MH - with port number or call. It uses the entries in the MHEARD list, so when the MHEARD list is small the DX will also not give much. DX with port number 1 returns for example the next 3 messages:

DX-P1 of all	263.3 km	D0BRP	D04BH-1
DX-P1 of 24h	161,4 km	D04BH-1	PD0JBR-1
DX P1 of 1h	123.9 km	PA3ESK-2	PE1ABT-15

The first is the best DX for all entries available in the MHEARD list. It shows the distance to best DX station, the call of the best DX station and second-best DX station.

The second and third lines are almost the same, but the second is for the stations received in the last 24 hours and the last for stations received in the last hour.

If there is no second best DX station then only one call is shown.

Tip: ports are numbered 1 to 8, number 0 can be used to mean "all ports". This also works for the MHEARD command by the way

We can zoom in on a station with "DX <call>" for example
"DX PD0JBR-1"

This returns:

PD0JBR-1 138.1 km bearing 026 degrees

(If you want to know when the station was received, use "MH PD0JBR-1")

It shows distances and bearing from the digipeater to this station. Distance uses a great-circle calculation, bearing is based on a flat earth model. Bearing "0" is True North.

The DX <call> not only works on calls returned by DX <port> command but on all calls in the mheard list. Like MH also port 0 is accepted to mean 'any port'. If there is no distance and bearing information the returned message will say so.

- New rule "size_heard_show:" defines how many calls are shown on a "mheard <port>" command. This used to be "side_heard_list:" but the size of the heard list may need to be bigger now that it is also used for the 'dx' function. Still we may want to display only a limited number of stations from the heard list. If "size_heard_show:" is not defined then it is the same as "size_heard_list:".
- Query "MH STAT" returns now the number of calls in the list and the date of the oldest entry.
- Changed implementation of timer.c Was much too complicated for its task (I reused this from existing code where it served a purpose..)
- New rule "dx_times:" defines the period of time for which the best DX is shown.
- New rule "dx_metric:".
Dx metric defines the presentation of distances and the threshold for distances in the dx_level: rule. Options are "km" for kilometers, "mi" for statute miles and "nm" for nautical miles. Default is "km".
- New rule "dx_level:".
The DX level command defines when we report a station as DX. It contains a parameter for the port for which this rule is valid (DX on 6m a is something different then DX on 2m, and DX on 70cm is different again), a parameter for a threshold, for example everything below 100 km is never DX, and a parameter defining the time in hours to look back. When for example a station is received which is the "best DX" for the last hour (1) and is further away then the threshold (100 km) then it is reported. The unit of distance is determined by "dx_metric:", default is "km".
- New rule "dx_path:".
DX path contains the destination call and digis to be appended to DX messages transmitted by DIGI_NED. This path has to be defined per port, more definitions for one port are possible. Also

"dx_path: 1 DX" works, no digipeater definitions are used in that case.
DX messages are never transmitted on ports with do not have any
matching "dx_path:" definition.
- Added '-d' commandline flag to trace the DX function of the
digipeater.
- The query "mheard <port>" now shows how many calls are send.

APRS[tm] is a Trademark of Bob Bruninga,
his home page is at "<http://web.usna.navy.mil/~bruninga/aprs.html>"

Kind regards,

Henk.

--

The difference between theory and practice in practice is bigger than the
difference between theory and practice in theory.

Henk de Groot		Apeldoorn, The Netherlands, J032AF
PE1DNN@PI8APD.#GLD.NLD.EU		NOKIA-ATF2, YAM Modem, Linux RedHat 5.2

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From bounce-aprsnews-839@lists.tapr.org Wed Sep 27 20:21:26 2000
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id UAA01580
for <lyris.aprsnews@tapr.org>; Wed, 27 Sep 2000 20:21:25 -0500 (CDT)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Wed, 27 Sep 2000 20:16:17 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] APRS Remote Control!
Message-ID: <LYR839-111584-2000.09.27-20.27.39--
lyris.aprsnews@tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>

X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <Pine.GS0.4.05L.10009271953250.524-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

*** CONTROL THE WORLD FROM YOUR HT ***

On a whim, I just added remote control to APRSdos so that you can remotely control the 8 bits on your parallel port. You command it by sending a message to your station from any of your other SSID's:

Message: SET 4 - will be ACKED and will set BIT-4
 OFF 16 - will be ACKED and will turn off BIT-16
 SET 12 - will be ACKED and will set BIT-4 and BIT-8
 OFF 255 - will be ACKED and will clear all bits
 READ - will send back a message with the current
 value on the port. It will not be ACKED
 and these reports will continue to be sent
 back every time the READ message is retried.

Sending a READ from the THD7 for example will get back the message I/O = X or if it is the second or more time with the same value, then you will only see DUPLICATE MESSAGE. But if the value does change, then it will be captured as a NEW message.

For testing purposes and so that you can monitor the conditions on your port locally, use the APRSdos INPUT-MY-I/O command which will return the current state or let you input a new value.

You won't believe what made me think of this toy..... While flying back from DCC I think the plane passed over my house (in Maryland), but it was dark. I thought how easy it would be to take the FLASH unit out of a disposable camera and put it on my roof. Then I could command the flash so I could see my house! <grin>

Yes, I know transmitting from a plane is not permitted, but I could have commanded it to ON from the ground just before I left Atlanta...

Download aprs848.zip if you have not upgraded recently. Or get just 846to848.zip for just the upgrades (but you won't get many very minor tweaks that evolved in many of the files with 847). But since anything new like this is bound to be tweaked again soon, the upgrade will be an easy way to just play with this new capability...

***** Control the world from your HT! *****

de WB4APR, Bob

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From bounce-aprsnews-839@lists.tapr.org Thu Sep 28 19:55:59 2000
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id TAA25247
for <lyris.aprsnews@tapr.org>; Thu, 28 Sep 2000 19:55:54 -0500 (CDT)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Thu, 28 Sep 2000 19:57:04 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] SUNSAT APRS Schedule
Message-ID: <LYR839-111750-2000.09.28-20.03.40--
lyris.aprsnews@tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <Pine.GS0.4.05L.10009281952150.22679-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

APRS users

SUNSAT is entering a new phase for APRS on 4 October for a week. The downlink will be about 8 dB stronger and on 2 meters with little doppler. Tune to 145.825 9600 baud with your D700 or D7(G) and see who you see.

You should be able to receive on any mobile Antenna and even a good rubberduck. Until 4 Oct, SUNSAT is still in APRS mode J. I saw KB0VBZ and N20GB-7 on U022 toinight, so glad to see some activity.

de WB4APR, Bob

Here is their announcement:

Sunsat (S0-35) will be in its Parrot Repeater Mode for voice passes during the UN World Space Week from 4 to 10 October 2000. In this mode Sunsat continuously cycles through a 10 second recording (single

tone to indicate the start) and playback (double tone) period. The up and downlinks will both be 145.825 MHz.

At all other times Sunsat will digipeat AX.25 UI packets in Mode B. The uplink for both 1200 bit/s and 9600 bit/s data is 436.291 MHz. Data from both uplinks are digipeated at 9600 bit/s on the 145.825 MHz downlink. Set your unproto paths to SUNSAT or APRSAT.

The complete voice schedule for the next few weeks can be found on the Sunsat web page at <<http://sunsat.ee.sun.ac.za/ham.htm>>. Please note that the voice passes just prior to the parrot operations (on the 2nd and 3rd of October) may also be changed to Mode B (uplink 436.291 MHz, downlink 145.825 MHz). The parrot repeater schedule is attached below (all times are UTC).

73 de ZR1CBC, Johann

```
+-----+
  JG Lochner  ESL, Universiteit van Stellenbosch
  webtuiste:  http://esl.ee.sun.ac.za/~lochner
+-----+
```

Japan

04/10/2000	09:06
05/10/2000	08:25
06/10/2000	07:45
07/10/2000	08:44
08/10/2000	08:04
09/10/2000	09:03
10/10/2000	08:23

Australasia

04/10/2000	07:46
05/10/2000	07:04
06/10/2000	08:06
07/10/2000	05:46
08/10/2000	08:25
09/10/2000	07:43
10/10/2000	07:01

South-Eastern Asia

04/10/2000	10:54
05/10/2000	11:52
06/10/2000	11:12
07/10/2000	12:11

08/10/2000 11:31
09/10/2000 10:51
10/10/2000 11:49

Southern Africa

04/10/2000 16:04
05/10/2000 15:24
06/10/2000 14:44
07/10/2000 15:42
08/10/2000 15:02
09/10/2000 16:01
10/10/2000 15:21

Europe

04/10/2000 17:22
05/10/2000 16:42
06/10/2000 17:41
07/10/2000 17:01
08/10/2000 18:00
09/10/2000 17:20
10/10/2000 16:39

South America

04/10/2000 21:00
05/10/2000 20:20
06/10/2000 21:18
07/10/2000 20:38
08/10/2000 21:37
09/10/2000 20:57
10/10/2000 20:17

North America

05/10/2000 00:04
05/10/2000 23:24
07/10/2000 00:23
07/10/2000 23:43
09/10/2000 00:42
10/10/2000 00:02
10/10/2000 23:22

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id PAA26400
for <lyris.aprsnews@tapr.org>; Fri, 29 Sep 2000 15:16:34 -0500 (CDT)
User-Agent: Microsoft-Outlook-Express-Macintosh-Edition/5.02.2022
Date: Fri, 29 Sep 2000 16:12:52 +0000
Subject: [aprsnews] FW: TAPR Press Release
From: Stan Horzepa <stanzepa@mail2.nai.net>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Message-ID: <LYR839-111896-2000.09.29-15.24.27--
lyris.aprsnews#tapr.org@lists.tapr.org>
In-Reply-To: <200009291717.NAA28041@meow.febo.com>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <B5FA7003.2DC0%stanzepa@ct2.nai.net>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

From: John Ackermann <jra@febo.com>
Date: Fri, 29 Sep 2000 13:17:50 -0400
To: "Bill Pasternak (WestRadio)" <billwa6itf@aol.com>, "Len Winkler"
<lenwink@indirect.com>, "Hap KC9RP RAIN Holly" <hholly@ais.net>, "Rich
Moseson" <w2vu@aol.com>, "Gagne, Jennifer N1TDY" <jgagne@arrl.org>, "Donald
Rotolo" <73227.2644@compuserve.com>, "Stan Horzepa" <wallou@arrl.net>, "Bob
Hansen (TAPR)" <psr@tapr.org>, "Ham Radio On-line" <vbook@vbook.com>, "Rick
Lindquist" <rlindquist@arrl.org>, "Brad Smith, KC5SP" <brads@galstar.com>,
"Wayne Green" <w2nsd@aol.com>, "WorldRadio" <n6wr@ns.net>, "Fred Stone"
<w8lly@febo.com>, "W5YI" <fmaia@texas.net>, "AMSAT" <k5nrk@amsat.org>,
"AMSAT News" <nn0dj@amsat.org>
Cc: tapr-bb@lists.tapr.org, aprssig@lists.tapr.org, netsig@lists.tapr.org,
bbssig@lists.tapr.org, picsig@lists.tapr.org, hfsig@lists.tapr.org,
tacgps@lists.tapr.org, tapr-org@lists.tapr.org, htaprs@lists.tapr.org
Subject: TAPR Press Release

FOR IMMEDIATE RELEASE

TAPR Elects Officers at 19th Annual Digital Communications Conference

John Ackermann, N8UR, was elected the new president of TAPR at the 19th ARRL/TAPR Digital Communications Conference held in Orlando September 21-24.

135 hams, including a dozen from outside the US, attended the annual event, which includes presentation of technical papers, hands-on demonstrations, and beginner's sessions. Over 100 people attended Friday afternoon's APRS seminar, and 70 were present for a technical symposium on programming PIC chips held Sunday morning.

Ackermann succeeds Greg Jones, WD5IVD, who had served as president since 1993, with Steve Bible, N7HPR, replacing Ackermann as vice president. Bob Hanson, N2GDE, will continue to serve as secretary, and Jim Neely, WA5LHS, remains treasurer. The elections were held at TAPR's annual board meeting, held in conjunction with the DCC.

"Greg Jones led TAPR through a period of growth and innovation," Ackermann said. "On his watch, we brought significant new products to market, including the DSP-93 digital signal processing unit, Totally Accurate Clock, and Mic-E and Pic-E data encoders. Greg also laid the groundwork for our Frequency Hopping Spread Spectrum Radio project. He guided us into the Internet age, along the way creating the TAPR SIG mailing lists that now handle thousands of messages per month. Greg is also responsible for our increased publishing activities. His retirement leaves a void in TAPR that will be hard to fill."

Ackermann said that his primary objective will be to ensure that TAPR remains on the cutting edge of radio technology, with a special emphasis on emerging concepts such as Software Defined Radios. He will also focus on increasing membership and optimizing the organization's management structure.

Ackermann (ex-AG9V), who lives in Dayton, Ohio, has served on the TAPR Board of Directors and as vice president since 1995. He was first licensed in 1974 and has helped build packet radio networks in Ohio and Wisconsin. Ackermann is active on APRS, runs a Linux-based Internet site at his home, and can occasionally be found on CW chasing DX.

Bible lives in Kingsland, Georgia, and has been a TAPR Board member since 1996. He was project manager for TAPR's Totally Accurate Clock (TAC-2), EVM Radio Interface, PIC Encoder, and DGPS Reference Station kits. Bible is leading TAPR's development of a road map to develop Software Defined Radio technology for amateur use.

In other news from the DCC:

* TAPR announced that it will be offering the "EasyTrak" satellite rotor and radio controller. This PIC-based unit will control azimuth and elevation rotors for satellite use, as well as tune popular radios for Doppler correction.

* PRUG, the Packet Radio Users Group of Japan, demonstrated the possibilities of low cost Internet-connected sensors and software mobile agent technology. PRUG also introduced the TINI-AMEDES, a Java based one-board computer with Ethernet interface which supports the Dallas Semiconductor 1-wire interface, and provided an update on their 2.4Ghz spread spectrum radio, which has been commercialized by Root, Inc.

* Geoffrey Dick, WA4IKQ, was winner of the grand prize awarded at the Saturday evening banquet. Geoff won a TM-D700 APRS-capable mobile radio donated by Kenwood.

DCC 2001 will be held in Cincinnati, Ohio from September 21-23, 2001. Conference coordinators will be Steve and Sheila Bible assisted by local coordinator Hank Greeb, N8XX.

About TAPR

TAPR (officially, Tucson Amateur Packet Radio, Inc.) is a non-profit research and development corporation dedicated to advancing amateur radio through digital technology. It focuses on development of hardware and software tools that enable ham radio operators to explore leading edge technologies. Despite its name, TAPR is an international organization with over 2000 members worldwide.

Contact information:

Telephone: (940) 383-0000

Email: tapr@tapr.org

Web: <http://www.tapr.org>

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Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id IAA05234
for <lyris.aprsnews@tappr.org>; Fri, 13 Oct 2000 08:37:52 -0500 (CDT)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Wed, 11 Oct 2000 12:07:00 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tappr.org>
cc: aprsnews@lists.tappr.org
Subject: [aprsnews] APRS Violates Laws of Physics
In-Reply-To: <LYR10461-114345-2000.10.11-06.07.53--
bruninga@nadn.navy.mil@lists.tappr.org>
Message-ID: <LYR839-114745-2000.10.13-08.44.43--
lyris.aprsnews@tappr.org@lists.tappr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
X-Message-Id: <Pine.GS0.4.05L.10010111145360.11134-100000@arctic>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

Mark F. said:..... From my unscientific tests I have found that
> >going from five watts with an HT to a 15 watt mobile quadruples the
> >number of successful digipeats in a typical RF environment.

NEW RULES FOR NEW TOOLS (APRS): Classically, everyone learns that it
takes 4 times the power to double your range. TRUE. A law of physics.

But that assumes you want to talk from point A to B. With APRS generic
digipeating, when you don't care who or what digipeats you, a 4 times
increase in power, will double your range, but actually COVER 4 times as
much AREA. Thus you DO get a 4 times better probability that a
digi or other station somewhere heard your packet and will digipeate it!

So for APRS (generic digipeating) the equation is linear (on average)!

Going from 5w to 15 watts does give you a 3 to 1 statistical advantage
for a mobile station.!

Hummmh... I think I will call this "Bob's law of APRS propogation..."
<grin>

Also, most people assume that mobile PACKET is like voice. Good for 30

miles to the nearest voice repeater. Wrong! We communicate all the time with voice with mobile flutter, picketfencing, noise, dropouts, and are quite happy with it. But anything will kill a packet. My experience there is that if the range of a repeater is 30 miles for voice, then the same site may support packet only 15 miles or less reliably. (covers only 25% of the same area). Thus you need 4 or more times as many digis to cover the same areas (for mobiles) as we do for voice... or something like that...

de WB4APR

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id UAA22903
for <lyris.aprsnews@tapr.org>; Sat, 14 Oct 2000 20:35:03 -0500 (CDT)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Sat, 14 Oct 2000 12:14:42 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] HOW-TO-JOTA
Message-ID: <LYR839-115063-2000.10.14-20.43.35--
lyris.aprsnews@tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.10010141213580.26008-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

For Jamboree-On-the-Air, Here is everything you need for APRS and JOTA:

IGATES: Please set "SCOUTS" to pass through to RF

JOTA STATIONS: Please add "SCOUTS" to your MESSAGE GROUPS so you can receive generic messages to SCOUTS. Once every hour or so send a ONE LINE

message to SCOUTS so that people will see your callsign. Please set your ICON to the SCOUT Icon (for D7 and D700's, the code is /,)

To WORK stations, do NOT send traffic to SCOUTS. Look at their FROM-CALL and send them a message DIRECT to their call. The IGates will automatically forward your packets back to RF. The result is worldwide JOTA communications from your HT, Mobile or JOTA station display.

Once the IGates see traffic between stations A and B, then they will send a PSOSIT so you can see each other on the map. That's how APRServe works.

If your APRS program does not have MESSAGE GROUPS, then set them in your D700 or D7(g). And all you need is to see the sending callsign to give you a target.

See you on the air on JOTA!
de WB4APR-7

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http://click.egroups.com/1/9535/11/_/465661/_/971539850/
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SCOUTING and AMATEUR RADIO - FUN FOR ALL AGES

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From bounce-aprsnews-839@lists.tapr.org Tue Oct 17 15:24:56 2000
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id PAA04648
for <lyris.aprsnews@tapr.org>; Tue, 17 Oct 2000 15:24:55 -0500 (CDT)
Message-Id: <LYR839-115473-2000.10.17-15.31.58--
lyris.aprsnews@tapr.org@lists.tapr.org>
X-Sender: plkilroy@pop700.gsfc.nasa.gov
X-Priority: 1 (Highest)
Date: Tue, 17 Oct 2000 15:22:34 -0400
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: Pat Kilroy <pat.kilroy@gsfc.nasa.gov>

Subject: [aprsnews] GARC Meeting Invitation
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <4.3.2.7.2.20001017150500.00ae0030@pop700.gsfc.nasa.gov>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

You are invited to the next monthly Goddard Amateur Radio Club (GARC) meeting! We will gather at the WA3NAN facility in Greenbelt, Maryland at NASA Goddard. That's tomorrow, Wednesday, October 18 (like always, the third Wednesday of each month except December) at 5:30 P.M.

Informal talk-in on WA3NAN/R 146.835 MHz FM.

DIRECTIONS

From Greenbelt Road, go north on Soil Conservation Service Road passing the GSFC Visitor Center entrance and also the GSFC East Gate entrance on your left. Pass the GSFC Motor Pool on your right and take the very next right turn through Gate 10. Welcome!

Coordinates: N 38 59' 56.1", W076 50' 47.5"

Hpe to CU there!

73 de Pat N8PK

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From bounce-aprsnews-839@lists.tapr.org Fri Oct 20 13:41:45 2000
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id NAA22654
for <lyris.aprsnews@tapr.org>; Fri, 20 Oct 2000 13:41:45 -0500 (CDT)
Message-ID: <LYR839-115847-2000.10.20-13.48.56--

lyris.aprsnews#tapr.org@lists.tapr.org>
From: "Henk de Groot" <henk.de.groot@hetnet.nl>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] DIGI_NED 0.2.0
Date: Fri, 20 Oct 2000 20:26:30 +0200
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
X-Priority: 3
X-MSMail-Priority: Normal
X-MimeOLE: Produced By Microsoft MimeOLE V5.00.2919.6600
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <001901c03ac3\$652485e0\$0c234bd5@toshiba>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Hello,

I released a new version of DIGI_NED, version 0.2.0.

If you don't know what DIGI_NED is, it is a dedicated digipeater, does not have a GUI but is very stable and good at its job (If you disagree, tell me what's wrong and I fix it...). It runs in DOS on cheap 286 class PC's (or better) and on Linux using all kind of modems, from cheap BayCom/BayPack and YAM modem to KISS TNC's and SCC cards. It can have up to 8 ports so can also act as a cross-band digipeater. The source is published under the GPL licence.

Again something new in DIGI_NED: Telemetry and Remote control. These features were demonstrated on the yearly Dutch HAM Fest, "Dag Van De Amateur" at the stand of the Dutch Packet Workgroup. DIGI_NED can transmit telemetry all by itself but you can also query for telemetry using the "?TLM" command!

Furthermore the SYSOP (owner) of the system can use "!OUT" to remotely control 8 TTL outputs (D0..D7) of at most 3 LPT ports.

For the rest a number of additions and bug-fixes for the DX function, such as for example "block:" which noa also works for the mheard list, a maximum distance for DX (rediculous long distances are most likely caused by incorrect settings and not DX) and naming the ports. Due to a bug DX announcements only

appeared on Port 1, instead of all the ports that were specified, error...

Finally AX25_MAC is now described using a dedicated document.

As usual the version is posted on APRS7@NLDNET (Packet Radio) as DNEXE020.ZIP. The source is not posted since it is a big too big to post everytime. The source, DNSRC020.ZIP, will appear on the web.

This version will, as soon as Remko - PE1MEW - has the time for it, become available on the web:

http://www.qsl.net/digi_ned

Here are the changes from the Changes.txt file:

Changes.txt

19-10-2000 version 0.2.0

- Made a revision step since we now introduced telemetry! In the digi_ned.ini file (or another file if supplied on the command-line) you can specify a 'telemetry:' rule. On this command 6 telemetry sources can be specified; 5 analog channels and 1 digital channel. In this first attempt only the parallel port (lpt<n>), an 8 bit input via parallel port (lpt<n>_8) and a dummy device 'off' are supported. The 'telemetry:' rule will cause regular telemetry transmissions. Note that the telemetry stuff is commented out in digi_ned.ini by default. Using it requires additional hardware and configuration, also described below.
- In the APRS Specification (to be found at www.tapir.org) there are a number of messages the digipeater can address to itself which describes the name and interpretation of the APRS telemetry. In digi_tlm.ini you will find sample beacons to transmit. For the exact syntax and allowed field widths (they do not have all the same length!!) see the APRS Specification. Without reading that you will most likely not guess what everything means or guess wrong. If you do it right you can also do some math on the analog value. A telemetry-aware APRS client will do the same.
- With "tele_info:" you can supply the beacon information to DIGI_NED, this info will be used when querying DIGI_NED with the TLM command. Without this info DIGI_NED will just report with generic names, but when you can have it return things like "lamp is on" or "lamp not on" for example for a digital value. Or "Battery 12.5 Volt" for an analog value.
- With a ?TLM query you can retrieve telemetry values manually. The TLM query needs an argument specifying what you want. This can be A1..A5 for the analog channels or B1..B8 for the binary bits. These names

correspond with the names used in the APRS Specification.

- Sending a message like `!OUT 2 01001001` you can change bits D0..D7 of an LPT port. '2' will mean LPT2 or `"/dev/lp1"` in Linux (Linux starts counting at '0'). Using the 'x' or '/' character ('/' is located just below the '0' which makes entry of digits on a THD7 easy...) you can leave bits in there original state. The first digit affects bit '0' on the LPT port, the next one bit '1' etc. up to bit '7'. Extra characters after these 8 bits are ignored.
- Queries were optionally prefixed with a '?'. From now on all non alphanumeric ASCII characters can be used, except '!', '/', and '\'. This way you can do more queries without DIGI_NED blocking repetitions. DIGI_NED blocks 100% equal request to avoid Ping-Pong problems with auto-answer stations. The '!' prefix has been reserved for remote control. The prefix '/' and '\' are reserved to allow you to make 'filesystem' like queries. You can use any other prefix in front of '!', '/', and '\', so you can send for example the same remote control command within a short period, for example `"?!OUT 2 1"` works just like `!OUT 2 1`. `"#!OUT 2 1"`, `"$!OUT 2 1"`, `"%!OUT 2 1"` etc. are all the same but will not be regarded as "duplicate" so you don't have to wait until DIGI_NED accepts your command again, just change the prefix every next time.
- The "block:" list now also works for "mheard" and "DX" so you can keep bogus calls or calls that send beacons that are misinterpreted as a position (as happened to a VK station which had an DX of 17529.8 km!) out of the lists. Reported by VK5ZTY, thanks!
- On compressed and uncompressed position packets I now check that the destination address starts with "AP". If not, the position is ignored. (For MIC-E this check obviously does not work...).
- Now "^C" can also be used to normally exit the DOS version. I added this because I kept interrupting the program this way since I use Linux most of the time. So now a break signal can be used in addition to ALT-X.
- Added "dx_portname:" rule so you can give you port a name for the DX messages. Default portname, if nothing is specified, is "Portx" where 'x' is the port number. Addition suggested by WA7NWP.
- Changed default "dx_level:" in sample digined.ini file to 25 km (was 100 km but there were not many DX messages in our flat country this way). The idea is to be informed about what the maximum distance is at regular intervals and to be alarmed when it goes up due to more frequent messages. But of course you can configure this differently if you want. Even setting to 0 may be interesting since it will report the best DX over the last hour anyway. Since there are most likely stations beyond 25 km all the time this setting only avoids ridiculous reports of nearby stations during startup and restart of the digipeater. This also ensures regular updates to be transmitted so you can watch the DX conditions change.
- Found a bug in call matching. Matching "PE1DNN" with "*-0" in the "block:" list worked but matching "PE1DNN" with "PE1DNN-0" failed.

Reported by VK5ZTY, thanks!

- Error in DX bulletin transmission, it only went out through the first port due to a bad positioning of the duplicate transmission check. Reported by VK5ZTY. There was also a potential memory-leak, fixed also.
- "Dx_Level:" now also has a maximum range to filter-out obviously bogus reports.
- The owner can now remotely clear the MHeard list with the "!CLEAR" message. "!CLEAR" clears all MHeard entries, "!CLEAR 1" clears all MHeard entries for Port 1, "!CLEAR PE1DNN-2" clears the call PE1DNN-2.
- Ran spelling checker on all documents.

APRS[tm] is a Trademark of Bob Bruninga,
his home page is at "<http://web.usna.navy.mil/~bruninga/aprs.html>"

Kind regards,

Henk.

--

The difference between theory and practice in practice is bigger than the
difference between theory and practice in theory.

Henk de Groot		Apeldoorn, The Netherlands, J032AF
PE1DNN@PI8APD.#GLD.NLD.EU		NOKIA-ATF2, YAM Modem, Linux RedHat 5.2

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From bounce-aprsnews-839@lists.tapr.org Wed Nov 1 07:08:29 2000
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id HAA29845
for <lyris.aprsnews@tapr.org>; Wed, 1 Nov 2000 07:08:29 -0600 (CST)
Message-Id: <LYR839-117410-2000.11.01-07.16.04--
lyris.aprsnews@tapr.org@lists.tapr.org>
X-Sender: rparry@jittlov.qualcomm.com
Date: Sun, 29 Oct 2000 20:15:47 -0800
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: Richard Parry <rparry@qualcomm.com>
Subject: [aprsnews] Leonids Meteor Shower Registration Page
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <5.0.0.25.0.20001029195024.03e9abf8@jittlov.qualcomm.com>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

LEONIDS METEOR SHOWER REGISTRATION

Web Page registration is now available for those who will be participating in the upcoming November Leonids Meteor Shower event. The purpose of registering is to provide a real-time list of participants. This should expedite communication and increase the chances of success. There are 8 questions, it should take about 1 minute to complete. Click on the URL below and then click on REGISTER.

<http://w9if.net/cgi-bin/beaconet/main.pl>

I got interested in this facet of amateur radio after reading the article by W2EV in the Nov 99 issue of QST. I quickly realized that my chances of success could be increased if I knew who was participating so I knew where to point the beam. It was out of this need that I developed this registration page. I hope that you find it useful.

For those interested in more information, the Nov 1999 QST article by W2EV and the Nov 2000 issue of QST (page 28 and 83) may be useful.

Rich Parry, W9IF

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From bounce-aprsnews-839@lists.tapr.org Thu Nov 2 07:08:12 2000
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id HAA13070
for <lyris.aprsnews@tapr.org>; Thu, 2 Nov 2000 07:08:08 -0600 (CST)
Message-Id: <LYR839-117659-2000.11.02-07.17.28--
lyris.aprsnews@tapr.org@lists.tapr.org>
X-Sender: rparry@jittlov.qualcomm.com
Date: Wed, 01 Nov 2000 21:37:25 -0800
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: Richard Parry <rparry@qualcomm.com>
Subject: [aprsnews] -- APRS Survey 2000 Now Open --
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <5.0.0.25.0.20001101213624.03cbbd30@jittlov.qualcomm.com>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

-- APRS Survey 2000 Now Open --

First let me thank nearly 100 APRS folks that provided excellent feedback for the APRS Survey 2000 web page. This project started 6 months with a simple idea. I got input from Bob B, and other APRS movers and shakers. I also got suggestions from amateurs on several APRS mailing lists. I hope the results of our efforts show.

I feel the need to emphasize that this is not a popularity contest. It is meant to foster communication between folks with similar equipment. I provide it as a service in the hopes that some "good" may come from the information. The survey is based on the honor system. To help prevent skewing the results, the results will not be posted until the survey period is over at the end November. However, you can see where the respondents came from on a map of the US. An amateur radio callsign is required, but you may remain anonymous if you wish.

APRS Survey 2000 <http://w9if.net/cgi-bin/aprssurvey/main.pl>

Getting a large number of respondents will aid in providing an accurate cross-section of the APRS community. So thanks in advance to those that complete the survey and spreading the word.

Rich Parry, W9IF

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From bounce-aprsnews-839@lists.tapr.org Wed Nov 22 11:58:46 2000
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id LAA20414
for <lyris.aprsnews@tapr.org>; Wed, 22 Nov 2000 11:58:45 -0600 (CST)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Wed, 22 Nov 2000 11:00:28 -0500 (EST)
From: Bob Bruninga <bruninga@usna.edu>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] APRSdata Satellite Server
Message-ID: <LYR839-120970-2000.11.22-12.06.16--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <Pine.GSO.4.05L.10011221057100.17164-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

The APRSdata.exe program has been updated to include A040. One copy of APRSdata running in each region will transmit to the front panel of all D7 HT's and D700 mobiles in the area on 144.39, the location of any satellites in view. For those D700's with the voice module, if you set the CUSTOM-1 comment, then it will speak to you the satellite in view.

Think of it as a tiny-web-page update to the radio's front panel, showing the name of the satellite, the range and azimuth to the bird, the up/downlink frequencies and the present doppler. For A040, it shows the elevation angle. In addition, once every 10 minutes the DX-LIST in the radio is updated with a schedule of all satellites in view in the next 80 minutes.

I had to modify the program for A040 which is in view for hours at a time so that it was not updated every minute like the others.

APRSdata.exe and its associated files are in ADAT-EXE.ZIP available from
<ftp://tapr.org/aprssidg/dosstuff/APRSdos/adat-exe.zip>

PKUNZIP it with the "-d" option or use WinZIP to install it into your existing APRSdos directory. It uses all the support files of a normal APRSdos installation. If you dont have it, download aprs848.zip first. As usual, read the README\APRSDATA.TXT file.

de WB4APR, Bob

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From bounce-aprsnews-839@lists.tappr.org Sat Dec 2 12:31:06 2000
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id MAA27671
for <lyris.aprsnews@tappr.org>; Sat, 2 Dec 2000 12:31:05 -0600 (CST)
Message-Id: <LYR839-122401-2000.12.02-12.39.23--
lyris.aprsnews#tappr.org@lists.tappr.org>
Subject: [aprsnews] aprs.net unavailable
Date: Sat, 2 Dec 2000 12:14:25 -0500
From: Steve Dimse <sdimse@netrox.net>
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
X-Message-Id: <200012021714.eB2HER316556@raptor.netrox.net>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

There seems to be a problem with the T1 line at the museum, their router and web server have been unreachable along with www.aprs.net since yesterday morning. It seems likely that it will be down for the remainder of the weekend.

Steve K4HG

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From bounce-aprsnews-839@lists.tappr.org Tue Dec 5 18:55:11 2000
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id SAA02620
for <lyris.aprsnews@tappr.org>; Tue, 5 Dec 2000 18:55:07 -0600 (CST)
Message-Id: <LYR839-123070-2000.12.05-19.05.59--
lyris.aprsnews#tappr.org@lists.tappr.org>
Subject: [aprsnews] aprs.net/findu.com status
Date: Tue, 5 Dec 2000 17:02:53 -0500
From: Steve Dimse <sdimse@netrox.net>
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0

List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <200012052202.eB5M2c301275@raptor.netrox.net>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

The problem with the net access of www.aprs.net is related to a paperwork error. When the museum renewed the contract for their T-1 line, the paperwork got lost (I bet the check got cashed!), and on the expiration date the line got turned off. Worse still, the ISP had BellSouth tear down the leased line. So, even though the paperwork was easily squared away, they have to wait for BellSouth to redo the line. They hope to be back on line sometime in the next 48 hours.

As proof that when it rains, it pours, findu.com began having problems this afternoon. According to Telocity, there are no problems in the network now. It is possible some changes I made to my router yesterday are to blame, if so look for things to improve sometime after 11PM when I get home.

Steve K4HG

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From bounce-aprsnews-839@lists.tapr.org Wed Dec 6 19:44:59 2000
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id TAA17468
for <lyris.aprsnews@tapr.org>; Wed, 6 Dec 2000 19:44:58 -0600 (CST)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Wed, 6 Dec 2000 19:40:03 -0500 (EST)
From: Bob Bruninga <bruninga@usna.edu>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] APRS Satellite Design Details
Message-ID: <LYR839-123255-2000.12.06-19.55.58--
lyris.aprsnews@tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>

X-Message-Id: <Pine.GS0.4.05L.10012061938370.7553-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Now that the launch of the US Naval Academy student built Satellite project is announced for August 2001, here are some design details. This was presented at the annual AMSAT conference in Portland Maine in October 2000. The students call it "PCSAT" for Prototype Communications Satellite although it is designed for APRS digipeating.

NOTE: Use a FIXED FONT for best formatting of tables...

USNA PCSAT:

The mission of PCsat is unique in the Amateur Satellite Service as it is designed to support the text messaging and position tracking needs of mobiles and handhelds only and to provide links into the worldwide internet linked APRS system.

UPLINK/DOWNLINK QUALITIES: Typical uplink and downlinks fall into several different classes based on user ERP and receiver antenna gain as shown below. The column labeled Standby-receive gain is for the user who is not aware of, nor optimized for satellite reception. For example, an HT in a pocket, or mobile parked under trees. It is assumed that stations intending to transmit to the satellite will be in the clear.

USERS	ERP	ERP	Rcv	Rcv	Rcv	Applications
	UHF	VHF	UHF	VHF	STBY	
	(W)	(W)	dBi	dBi	dBi	
HANDHELDS	3	5	3	3	-6	Sailboats, Hikers, Wilderness
MOBILES	70	100	5	5	-6	Boats, Remote Travelers
HOME STNS	700	1000	13	13		* Not intended for PCsat
NETWORK						
IGATE RCV			7	5		Omni Internet receive site
MSG NODE	70	100				Internet to user UPLINK site
COMMAND	700	1000	13	13		US Naval Academy Ground Station

Notice that this satellite is not designed nor intended for shack-to-shack communications. It is optimized for mobiles and handhelds with OMNI whip antennas.

MISSIONS: Since several other digital amateur satellites have provided imaging and file store-and-forward for the last several years, PCsat concentrates on the popular trend towards personal real-time wireless communications using UI digipeating. In this context, the following list prioritizes these needs.

- 1) Handheld/Mobile message uplink to Internet (emergency and routine)
- 2) Handheld/Mobile message downlink delivery from Internet (paging)
- 3) Handheld/Mobile station-to-station digital communications
- 4) North American wide Bulletin delivery to all users (occasional)
- 5) Handheld/Mobile GPS position tracking to internet
- 6) GPS tracking of buoys, telemetry devices, wildlife, expeditions, etc
- 7) Other UI digitizing applications (TBD)
- 8) Message Store-n-forward (non HAM populated areas only, if at all)

FUNDAMENTAL ASSUMPTIONS DRIVING THE DESIGN:

- 1) Optimum ALOHA TDMA channel efficiency is about 18% due to collisions
- 2) VHF links have a 9 dB advantage over UHF links (omni to omni)
- 3) 1200 baud AFSK has a 7 dB advantage (measured) over 9600 baud FSK
- 4) T/R delays render 9600 only twice as fast as 1200 for short bursts
- 5) UHF uplinks require wide bandwidth to avoid doppler (- 4 dB)
- 6) UHF downlinks require user tuning throughout pass (not desired)
- 7) There are now on the market off-the-shelf amateur digital handheld and mobile transceivers suitable for this SATELLITE mission.
- 8) Anyone can assemble a similar station from existing components readily available over the last 20 years for 1200 baud.

REQUIREMENTS/CONSTRAINTS Design Drivers: The following are some of the obvious first-order alignments of these requirements to hardware and to frequencies. From these, then, we determined the optimum trade-offs to arrive at our final design and frequency requirements.

- 1) MSG delivery to HT in Standby requires best possible downlink (1200 baud VHF). Igate uplink is relatively unconstrained.
- 2) MSG receipt from HT requires best possible uplink (1200 baud VHF). Downlink to internet is relatively unconstrained.
- 3) Continent wide Bulletin Delivery requires downlink on existing dedicated terrestrial APRS frequency (144.39 in North America)
- 4) HT/Mobile real-time messaging requires same up/downlink baudrate
- 5) GPS GAIN-HT and Mobile tracking is relatively unconstrained.
- 6) Low power GPS tracking devices requires best uplink (1200 baud VHF) and the uplink must not be used by any other satellite uplink to avoid unintentional interference to other systems.
- 7) Other UI digitizing applications should be crossband full duplex and should use same up/downlink baud rates
- 8) Store-n-forward (rare) is unconstrained with equal baud rates
- 9) Applications should be spread among multiple receivers to minimize collisions.
- 10) Redundancy, Backups and Fail-Safe RESET timers are desired.
- 11) UHF downlinks are of little value due to poor link budget and doppler
- 12) UHF Uplinks without tuning can be compensated with a 30 Khz SAT RCVR
- 13) KISS applies (Keep it Simple, Stupid)

HARDWARE ALIGNMENT: Using the above as the basis, our design evolved to a pair of dual-port KPC-9612 TNC's. Each KPC-9612 can cross relay from either of its two inputs to its two outputs. Since we only have two transmitters on VHF for best downlink, we can output both the 1200 and 9600 baud channels to the same transmitter (with appropriate PTT/DCD cross strapping to avoid collisions). Although we do not yet have frequency coordination for our two 2m downlinks and two 2m uplinks and two 70cm uplinks, we have gone ahead and penciled in the SUNSAT APRS channel and North American 144.39 APRS channels that we hope to share.

USERS	UPLINK	TNC	DOWNLINK
-----	-----	-----	-----
		KPC-9612 #1	
HT-to-HT	145.825	-----> 1200 Baud -*	-----> 145.825 (ITU Subband)
		\ /	
		/ \	
Mobile-to-Mobile	UHF-U1	-----> 9600 Baud -*	
		KPC-9612 #2	
Low Pwr Trackers	VHF-U2	-----> 1200 Baud -*	-----> 144.39 (over USA)
		\ /	
		/ \	
Igate Paging	UHF-U2	-----> 9600 Baud -*	

Igates will monitor both downlinks to capture every packet heard anywhere and feed to the worldwide APRServe internet linked network for distribution everywhere.

DISCUSSION OF THE FREQUENCIES::

1) 145.825 could be a shared UI digipeating frequency for such low dutycycle operations in synergism with other similar satellites on the same frequency with agreement amongst them. See my AMSAT SYMPOSIUM Paper 1999.

2) VHF UPLINK#2 on any 2m frequency hopefully not shared with any other satellite uplink so that we do not QRM any other sats. We have no objections if this frequency is another satellite downlink. Our user uplinks on this frequency will be about 5W ERP only for special applications in remote areas and will have minimum terrestrial range.

3) UHF UPLINK#1. Any 20 KHz frequency in the ITU UHF satellite band

4) UHF UPLINK#2. Any other 20 KHz frequency in the ITU UHF sat band

5) 144.39 has been blessed in North America for APRS by TAPR, ARRL and

AMSAT-NA and their Canadian counterparts. Downlink on this frequency over North America is a unique opportunity hopefully welcomed by all current users in the region. This downlink will only be SPARSELY USED by special authorized stations for special events or special comms needs or special messaging to users not reachable by the terrestrial system.

CONCLUSION: We hope that other amateur satellites will consider adding a transponder of this simplicity to join our constellation in supporting handheld and mobile amateur radio operators throughout the world. The power of APRS is its use of generic digipeater callsigns. Thus it does not matter what satellite is in view, they all will function equally to link the users to the rest of the world. Secondly, each user's need is only a few 1 second packets. Thus the throughput and number of users supported can be far greater than the other FM satellites (voice). Similarly there is no advantage to channel hogging. Each user only gets one POSITION, One STATUS packet and any one-line messages pending.

For more information on operating the current APRS capable Satellites now in orbit

- * For info on APRS Satellites <http://web.usna.navy.mil/~bruninga/astars.html>
- * To see the LIVE worldwide APRS data, TELNET to 199.227.86.221 port 23.
- * To see a LIVE map, BROWSE www.aprs.net and click on the WORLD map.
- * To find any APRS Mobile/Handheld/Station BROWSE Steve Dimse, K4HG's, <http://map.findu.com/CALLSIGN>

There were some problems over the weekend with these sites, but they should be OK now. See ya on the birds!

de WB4APR, Bob

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From bounce-aprsnews-839@lists.tapir.org Fri Dec 8 13:39:36 2000
Received: from lists.tapir.org (lists.tapir.org [204.17.217.24])
by tapir.org (8.9.3/8.9.3/1.13) with SMTP id NAA24552

for <lyris.aprsnews@tapr.org>; Fri, 8 Dec 2000 13:39:35 -0600 (CST)
From: "Rob Wittner" <rmw@rwa-inc.com>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] APRS/CE Build 943
Date: Fri, 8 Dec 2000 13:47:32 -0500
Message-ID: <LYR839-123601-2000.12.08-13.50.41--
lyris.aprsnews@tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="US-ASCII"
Content-Transfer-Encoding: 7bit
X-Priority: 3 (Normal)
X-MSMail-Priority: Normal
In-Reply-To: <LYR8938-123255-2000.12.06-19.55.58--rmw@rwa-inc.com@lists.tapr.org>
X-MimeOLE: Produced By Microsoft MimeOLE V5.50.4133.2400
Importance: Normal
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <NCBBLCALKLCLLFGBMFCMMEDDEAAA.rmw@rwa-inc.com>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

And you thought I had disappeared...

I pretty much had disappeared... I am currently working on two full-time software development contracts, so my apologies if I'm not replying to your e-mails in a timely manner.

Also, my sincere apologies for getting behind in this latest build of APRS/CE. As always, you, my users, make this all worthwhile and I appreciate your patience and feedback.

Get build 943 at <http://www.tapr.org/~aprsce/> .

This release adds a weather status page on the station info screen, wind speed and direction display, mobile course and speed display, _sound!_ for new messages, and a little indicator at the top to show new incoming messages. I'm sure there's a bunch of other little things as well, you'll see them as you start to use the program again.

APRS/CE is getting very close to becoming version 1.0. However, because of my schedule, I've set the expiration for this version to _next_ _December_. That's December _2001_!

A few of you had asked why I put expirations on my builds. My logic was that it was beta code and probably shouldn't be hanging around on people's machines for long periods of time - that way I only have one version to support. When APRS/CE goes to 1.0 and beyond, the expiration "feature" will be removed, replaced with a feature that requires registration before it saves any of your settings. The registration fee will be nominal, similar to pocketAPRS.

Thanks again for your continued interest.

Please, everyone, give me some feedback on the install and the program itself.

73

-Rob
KZ5RW

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From bounce-aprsnews-839@lists.tapr.org Fri Dec 8 13:43:00 2000
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id NAA24923
for <lyris.aprsnews@tapr.org>; Fri, 8 Dec 2000 13:42:59 -0600 (CST)
Message-Id: <LYR839-123603-2000.12.08-13.52.56--
lyris.aprsnews@tapr.org>
Subject: [aprsnews] Problem with aprs.net domain
Date: Fri, 8 Dec 2000 14:28:56 -0500
From: Steve Dimse <sdimse@earthlink.net>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <200012081929.LAA02144@albatross.prod.itd.earthlink.net>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

The T-1 line to the museum is still down, and there is a new complication. Apparently, after a week of being unable to contact the

primary servers, the secondary name servers stop serving the domain. The line went down last Friday at 11:15 AM, so the secondaries died earlier today, a week later. What this means is sometime between now and 20 hours from now (as your local name servers drop their 24 hour cached names, you will lose the ability to look up any name in the aprs.net domain. Bad news for those of you using second.aprs.net as the name for the internet server.

I've tried but cannot seem to find a way to get the secondaries started again without the primary coming on line. If anyone knows how, please let me know. I'm on the road, so my email will be intermittent, and my time to work on the problem severely limited...

Steve K4HG

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From bounce-aprsnews-839@lists.tapr.org Fri Dec 8 17:30:16 2000
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id RAA20738
for <lyris.aprsnews@tapr.org>; Fri, 8 Dec 2000 17:30:16 -0600 (CST)
Message-Id: <LYR839-123646-2000.12.08-17.39.13--
lyris.aprsnews@tapr.org>
Subject: [aprsnews] Re: [aprsig] Re: FW: Problem with aprs.net domain
Date: Fri, 8 Dec 2000 16:59:51 -0500
From: Steve Dimse <sdimse@earthlink.net>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <200012082159.NAA01570@albatross.prod.itd.earthlink.net>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

On 12/8/00 4:34 PM Greg Noneman (greg@clubnet.net) wrote:

>Actually, it appears that name server is again correctly pointing to the
>secondary APRS server. I do not know why that is has resumed operation
>or whether it will remain functioning. Brent is correct in that the
>local address of aprs.socal.interworld.net can always be used as a backup

>when the name server fails. As always, unbuffered data is available on
>port 23, buffered data on port 10151 and map server on port 8000.

>

It appears that aprs.net came online briefly, I got a number of error messages sent to my pager from it, though again it appears unreachable. Perhaps the secondaries got refreshed in the interim, or perhaps (more likely) Jeff's fix worked. The only secondary I can check myself is findu.com, which now appears to have a problem with the DSL line...ARRRRGGGG!!!

Steve K4HG

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From bounce-aprsnews-839@lists.tapr.org Sun Dec 17 20:17:16 2000
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id UAA00566
for <lyris.aprsnews@tapr.org>; Sun, 17 Dec 2000 20:17:15 -0600 (CST)
Message-ID: <LYR839-125122-2000.12.17-20.26.08--
lyris.aprsnews@lists.tapr.org>
From: "Ron Reeves" <aprssigs@home.com>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] APRS and SAR & Sheriffs
Date: Sun, 17 Dec 2000 17:55:36 -0800
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----_NextPart_000_001D_01C06852.8F3FBD60"
X-Priority: 3
X-MSMail-Priority: Normal
X-MimeOLE: Produced By Microsoft MimeOLE V5.50.4522.1200
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <002001c06895\$9da620e0\$01f7a8c0@vncvr1.wa.home.1com>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

This is a multi-part message in MIME format.

-----_NextPart_000_001D_01C06852.8F3FBD60
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

I have been asked to put on a APRS demo for 3 local Sheriff's =
departments (how did they get my name?) They seem to have some of the =
same interests that the Search and Rescue groups have. =20
Does anyone have any suggestions or tips for giving a presentation to =
such a group? Does anyone have a website covering this topic?

Also, I know that they will likely ask me questions such as:

- 1) Can we use this with the Sheriff's Radio System?
- 2) Will it work with FRS?
- 3) How can this really help us?
- 4) Can we use topographical maps with this software?

I know that technically it would work with their system or FRS, but is =
it legal? Do the authors consider such usage as commercial and wish to =
sell them software through a separate channel? Any thoughts? Any other =
questions that they will ask?

Ron Reeves
N7QX0
aprssigs@home.com

-----=_NextPart_000_001D_01C06852.8F3FBD60

Content-Type: text/html;
charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN">

<HTML><HEAD>

<META http-equiv=3DContent-Type content=3D"text/html; =
charset=3Diso-8859-1">

<META content=3D"MSHTML 5.50.4522.1800" name=3DGENERATOR>

<STYLE></STYLE>

</HEAD>

<BODY bgColor=3D#ffffff>

<DIV>I have been asked to put on a APRS demo for 3 local =
Sheriff's=20

departments (how did they get my name?) They seem to have some of =
the same=20

interests that the Search and Rescue groups have. </DIV>

<DIV>Does anyone have any suggestions or tips for giving =
a=20

presentation to such a group? Does anyone have a website covering =
this=20

topic?</DIV>

<DIV> </DIV>
<DIV>Also, I know that they will likely ask me questions =
such=20
as:</DIV>
<DIV>1) Can we use this with the Sheriff's Radio=20
System?</DIV>
<DIV>2) Will it work with FRS?</DIV>
<DIV>3) How can this really help us?</DIV>
<DIV>4) Can we use topographical maps with this=20
software?</DIV>
<DIV> </DIV>
<DIV>I know that technically it would work with their =
system or=20
FRS, but is it legal? <Do the authors consider such usage as =
commercial and=20
wish to sell them software through a separate channel? <Any =
thoughts? <=20
Any other questions that they will ask?</DIV>
<DIV> </DIV>
<DIV>Ron Reeves</DIV>
<DIV>N7QX0</DIV>
<DIV><A=20
href=3D"mailto:aprssigs@home.com">aprssigs@home.com</DIV>
<DIV> </DIV>
<DIV> </DIV></BODY></HTML>

-----_NextPart_000_001D_01C06852.8F3FBD60--

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id VAA21770
for <lyris.aprsnews@tapr.org>; Thu, 21 Dec 2000 21:16:22 -0600 (CST)
Message-Id: <LYR839-125784-2000.12.21-21.28.03--
lyris.aprsnews#tapr.org@lists.tapr.org>
Subject: [aprsnews] Tracking pages on findu
Date: Thu, 21 Dec 2000 20:19:15 -0500
x-sender: sdimse@netrox.net
From: Steve Dimse <k4hg@tapr.org>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
X-Message-Id: <200012220119.eBM1Jj317804@raptor.netrox.net>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

Stan's nice article about findu has caused many people to investigate the track page shown in QST. As I mentioned in my unofficial release of these, they are not ready for prime-time. When more than one request is pending at a time, the server starts thrashing on the requests, and the result is a noticeable slowdown. Three times today people have noted the page not loading fast, and kept resending the page request, with the result that dozens of these requests queued up and brought the server to a standstill. I've had to manually retart the MySQL server to restore service.

Until I am able to set up a new table that can handle these track requests more efficiently, the track pages are offline. Sorry for the inconvenience. No other pages are affected.

Steve K4HG

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From bounce-aprsnews-839@lists.tappr.org Mon Dec 25 07:41:23 2000
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id HAA07590
for <lyris.aprsnews@tappr.org>; Mon, 25 Dec 2000 07:41:19 -0600 (CST)
Message-Id: <LYR839-126206-2000.12.25-07.53.13--
lyris.aprsnews#tappr.org@lists.tappr.org>
Subject: [aprsnews] tracks available on findu
Date: Mon, 25 Dec 2000 05:09:27 -0500
x-sender: sdimse@netrox.net
From: Steve Dimse <k4hg@tappr.org>
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>

X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <200012251009.eBPA9e302739@raptor.netrox.net>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Those of you with nothing better to do Christmas Eve/Morning may have noted that findu was offline for 5 hours. I took advantage of a slow night at work to rebuild the position database to make the position queries efficient for the track cgis. The improvements were all I had hoped they would be.

As a result, the two track cgi's are now online, most likely permanently.

<http://www.findu.com/cgi-bin/track1.cgi?call=k4hg-8>

This one places a red dot on each position heard.

<http://www.findu.com/cgi-bin/track.cgi?call=k4hg-8>

This is the one most people are likely to use, it is the one displayed in Stan's article. However there is still a problem with this one. I build a URL request for MapBlast with each of the points for which a position was received. However, MapBlast tries to fit these points into a road route, often with unrealistic results. I'd like MapBlast to simply draw lines between the points, but so far I have been unable to figure out if this is possible. MapBlast releases no documentation on their map parameters, everything you see is reverse engineered. If anyone wants to dig in and try to find something that works, I'd love it...

Both tracks go back 2 days or 190 points, whichever is less. Most likely I will make the time to search backward a parameter, but the number of points is limited by MapBlast.

Steve K4HG

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From bounce-aprsnews-839@lists.tappr.org Fri Jan 5 17:51:32 2001
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id RAA27632
for <lyris.aprsnews@tappr.org>; Fri, 5 Jan 2001 17:51:15 -0600 (CST)
Message-ID: <LYR839-128350-2001.01.05-18.03.17--
lyris.aprsnews@tappr.org@lists.tappr.org>
From: "Henk de Groot" <henk.de.groot@hetnet.nl>
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Subject: [aprsnews] DIGI_NED 0.2.3
Date: Fri, 5 Jan 2001 23:37:06 +0100
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit
X-Priority: 3
X-MSMail-Priority: Normal
X-MimeOLE: Produced By Microsoft MimeOLE V5.00.2919.6600
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
X-Message-Id: <008d01c07769\$e2f74060\$7c224bd5@toshiba>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

Hello,

I released a new version of DIGI_NED, version 0.2.3.

If you don't know what DIGI_NED is, it is a dedicated digipeater, does not have a GUI but is very stable and good at its job (If you disagree, tell me what's wrong and I fix it...). It runs in DOS on cheap 286 class PC's (or better) and on Linux using all kind of modems, from cheap BayCom/BayPack and YAM modem to KISS TNC's and SCC cards. It can have up to 8 ports so can also act as a cross-band digipeater. The source is published under the GPL licence.

This release contains bug fixes and new functions

As usual the version is posted on APRS7@NLDNET (Packet Radio) as DNEXE023.ZIP. The source is not posted since it is a big too big to post everytime. The source, DNSRC023.ZIP, will appear on the web.

This version will, as soon as Remko - PE1MEW - has the time for it, become available on the web:

http://www.qsl.net/digi_ned

Here are the changes from the Changes.txt file:

Changes.txt

05-01-2001 version 0.2.3

```
- +-----+
| IMPORTANT: Changed the operations "replace" and "new", they will not |
| put in the own digi_call automatically!! Because this change is not |
| compatible with older versions the .ini SHALL now contain a version |
| number. This is done by a "version:" rule. The current version is 2 |
| DIGI_NED will refuse to run with non compatible versions. The      |
| default digi_ned.ini and d_relay.ini files did not use "new" and    |
| "replace". You only need to add the version number if you want to   |
| reuse the existing rules file.                                     |
+-----+
```

The "replace" and "new" operation do not automatically add DIGI_CALL anymore, reason for this is increased flexibility, the DIGI_CALL can always be specified in the replacement or new digipeater string anyway. For the "add" operation the automatic replacement is still done.

- The handling of "?TLM B" was put in a little bit too fast. First of all, all bits were reversed ('0' where it should have been '1' and '1' where it should have been '0'). Also the order was flipped. B1 was B8 and B8 was B1... Sorry for the inconvenience it may have caused.
- In "linux.c" removed "#include <asm/io.h>" since this is already handled by <sys/io.h>. This gave compilation errors on a lot of systems. (except mine...). Really removed this time, I already said I removed it last time but to my surprise the line was still in!
- Ultimeter stations use a string that starts with "!!" and cannot be distinguished from a compressed position. String that start with "!!" are not regarded as position anymore, sorry if your compressed location starts with "!!". A whole range of compressed locations cannot be used compressed because of this. DIGI_NED will not use these compressed positions for its DX functions anymore to prevent bogus positions due to these Ultimeter string transmissions.
- Cleanup of code. I was decoding strings with port numbers at many places, now I made a support function for this. This meant that I had to change code in many of the source files to utilize this new function.
- DigiTo: and DigiSsid: changed in the default digi_ned.ini. Now they only work if the destination call starts with "AP". The old setup caused SSID changes on the destination call when a local packet from a UView message exchange was received.

- Added rules "allow_to:" and "allow_from:" to restrict packets to be accepted for digipeating on a specific port. This is used for advanced cross-band digipeating where you only want to pick up very specific packets.
- On the monitor output the dump of the digi_ssid: rule did not show the replacement SSID, fixed.
- On the monitor output the dump of the DX transmission showed the wrong port number, fixed.
- Telemetry headache hopefully solved. When using the 8 bit LPT port input (lpt2_8 for example) somehow the data register is reset to 0, so all set output bits vanish. This behaviour differs per LPT port implementation, some do it and some don't. DIGI_NED was verifying the data written to the LPT's control register by reading it back. It seems that this reading caused a reset later. I don't read the values anymore and now it seems to work.
- On the !out command you can now specify a 'P' in the string. This will toggle the indicated bit for 1 second. Can be used as 'reset' pulse or something similar (we had a need for it).
- New command for the .ini file: "command:". The text after this command is fed to DIGI_NED's message mechanism (like the keyboard commands used by the DOS version users). This can be used to send "!out" commands at startup to get the LPT port in a defined state.
- Cleanup of the AX25_MAC directory. It contained some files for the YAM modem which I used for testing. I planned to remove these files but forgot over and over (I hardly ever look in the ax25_mac directory, the MAC driver is running stable since the very first beginning...).
- The digipeater position can now be read from the first line of the beacon-file with "digi_pos_file:" so that the icon position and the originating position for DX messages is the same. This can only be done when the beacon is in uncompressed or compressed format, not MIC-E. If you want to use MIC-E the position can also still be explicitly specified using "digi_pos:".
- Added timestamp to command responses so they are unique and it is visible what the most recent response was.
- Added keyboard command ALT-A for DOS users to toggle activity logging on and off.
- Removed the French documentation, it's outdated. There is better documentation on the web in French! Browse to the MAPG site at: <http://mapg.ifrance.com/mapg/index.html> or reach this site through our portal at http://www.qsl.net/digi_ned/ (also for all other pages).

APRS[tm] is a Trademark of Bob Bruninga,
his home page is at "<http://web.usna.navy.mil/~bruninga/aprs.html>"

Kind regards,

Henk.

--

The difference between theory and practice in practice is bigger than the
difference between theory and practice in theory.

Henk de Groot | Apeldoorn, The Netherlands, J032AF
PE1DNN@PI8APD.#GLD.NLD.EU | NOKIA-ATF2, YAM Modem, Linux RedHat 5.2

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From bounce-aprsnews-839@lists.tapr.org Tue Jan 9 19:22:16 2001
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id TAA24583
for <lyris.aprsnews@tapr.org>; Tue, 9 Jan 2001 19:22:09 -0600 (CST)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Tue, 9 Jan 2001 09:40:41 -0500 (EST)
From: Bob Bruninga <bruninga@usna.edu>
X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] APRStk.EXE Auto D7/D700 Satellite Monitoring
Message-ID: <LYR839-128957-2001.01.09-19.34.48--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <Pine.GS0.4.05L.10101090939200.15081-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

APRS Satellite Users;

I just posted a new copy of APRStk.

Run this with your D7 or D700 with just a 20" WHIP antenna over a ground
plane and SHORT coax and you will hear up to 12 different satellites over
30 times a day... Look ma.. no hands!

The 20" whip is 1/4 wave on the uplink and is a 3/4 wave 7.9 dBi gain UHF omni antenna on most downlinks. It is the ideal simple Satellite OMNI antenna. With it, you should hear most of the 12 FM satellites when they are above about 25 degrees.. This is only about 1/3rd of all access times, but it is automatic and simple. A nice way to leave the rig when it is not doing something else.

AND this antenna can be at ANY level, since it only needs to see the sky above say 20 degrees. No need to go higher (and add lossy coax)... On the roof of your car is perfect, or just outside your window...

download: <ftp://tapr.org/aprssidosstuff/APRSdos/astk-exe.zip>

The above file contains the APRStk.EXE and all support files. Unzip it into an existing APRSdos directory using PKUNZIP -dn or Winzip. It is just the new EXE and new support files, and must run in an existing APRSdos structure. Be SURE to read README\APRStk.txt in the readme's.

If you don't already run APRSdos, then download and install APRS848.zip first from the same site.

Enjoy...

de WB4APR@amsat.org, Bob

See my APRS LIVE pages	http://web.usna.navy.mil/~bruninga/aprs.html
See APRS SATELLITES	http://web.usna.navy.mil/~bruninga/astars.html
See MIM/Mic-E/Mic-Lite	http://www.toad.net/~wclement/mim2.htm

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From bounce-aprsnews-839@lists.tappr.org Tue Jan 30 18:24:01 2001
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id SAA02134
for <lyris.aprsnews@tappr.org>; Tue, 30 Jan 2001 18:23:59 -0600 (CST)
Message-Id: <LYR839-132007-2001.01.30-18.37.33--
lyris.aprsnews#tappr.org@lists.tappr.org>
Subject: [aprsnews] first.aprs.net connect limit
Date: Tue, 30 Jan 2001 18:35:47 -0500
x-sender: sdimse@findu.com
From: Steve Dimse K4HG <k4hg@tappr.org>
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tappr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tappr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tappr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tappr.org>>
X-Message-Id: <200101302336.XAA30446@www.findu.com>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

The increasing bandwidth of the APRS internet stream is close to maxing out the T1 at the Miami Museum of Science. This evening with 174 connections the reported bandwidth was over 120,000 bytes a second. Add the web server and name server traffic, and my machine was very close to the limit.

In order not to wear out my welcome at the museum I have set the connection limit to 135, which should leave plenty of bandwidth for those people that pay the bills. The server has not been under 150 connections for months, so this means there will often be no available slots on the server.

It would be nice if someone were to volunteer a high bandwidth machine to be a third server, even better would be two volunteers, with those becoming first.aprs.net and third.aprs.net, allowing www.aprs.net to serve only the javAPRS connections (which cannot go anywhere else).

If you have such a machine let me know and I'll add you to the DNS.

All replies directly to me please, I'm not on the aprssig...

Steve K4HG

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id RAA28150
for <lyris.aprsnews@tapr.org>; Tue, 6 Feb 2001 17:16:29 -0600 (CST)
Message-Id: <LYR839-133421-2001.02.06-17.30.17--
lyris.aprsnews@tapr.org@lists.tapr.org>
Subject: [aprsnews] APRS Internet System Announcement
Date: Tue, 6 Feb 2001 15:13:08 -0500
x-sender: sdimse@earthlink.net
From: Steve Dimse <k4hg@tapr.org>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <200102062013.MAA00283@harrier.prod.itd.earthlink.net>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

First off, thanks to everyone that offered to become central servers.
There are now new first and third.aprs.net systems (thanks to Chuck Byam,
KG4IJB and Jon Anhold N8USK).

Everyone needs to check their configuration. I've had forwarded a sig
posting where someone was complaining the IGates were not interoperating.
You should have first.aprs.net, second.aprs.net and third.aprs.net in the
rotating file. Hopefully each author (or a knowledgeable user of each
program) will produce config files for each program. Nice would be
separate ones for both buffered (port 10151 on all servers) and
unbuffered (port 23 on first and second, 10152 on third) connections. No
one should be connecting to www.aprs.net any longer!

All IGates should check their list. With the exception of the three
central servers, all other aprsd servers ought to have just first,
second, and third in a hub command, each line including the callsign and
password so that data is accepted for forwarding.

I also wish to take exception to Bob's recent comment that I "refused to
step forward" and author an internet document. As I have stated before, I
am willing to participate in a group if one is created. I answer any
questions related to how things are set up now, and a large amount of
documentation covering everything about the system is publicly available
on my web site, the DCC proceedings, and the aprssig archives. I will not
collect all this and rewrite it myself, any more than Bob was willing to
take on the job of the APRSWG by himself. It is a job for a group of

concerned people, not one person...

Steve K4HG

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id HAA18243
for <lyris.aprsnews@tapr.org>; Tue, 13 Feb 2001 07:24:27 -0600 (CST)
Message-Id: <LYR839-134788-2001.02.13-07.38.38--
lyris.aprsnews@tapr.org>
Subject: [aprsnews] findu.com announcements
Date: Tue, 13 Feb 2001 08:17:59 -0500
x-sender: sdimse@netrox.net
From: Steve Dimse <k4hg@tapr.org>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <200102131319.f1DDJli09824@raptor.netrox.net>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

I have replaced the old server with new, much more capable one. It seems to handle requests in about half the time. The new one should be set up exactly like the old, but I may have missed something, please let me know if there are any inconsistencies. Within a week I hope to put the old one at the museum, to be able to institute load sharing.

And of course, a few hours after I put the new server online, the DSL line went out. Telocity has no idea when it will come back up. Please don't email me that the server is down! The DSL line comes up when it comes up, there is nothing I can do!

Steve K4HG

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From bounce-aprsnews-839@lists.tapr.org Fri Feb 16 06:51:01 2001
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id GAA18442
for <lyris.aprsnews@tapr.org>; Fri, 16 Feb 2001 06:51:00 -0600 (CST)
X-Sent: 15 Feb 2001 22:40:21 GMT
Subject: [aprsnews] Changes in findu.com
Date: Thu, 15 Feb 2001 17:36:58 -0500
x-sender: sdimse@mail.telocity.com
From: Steve Dimse <sdimse@telocity.com>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Sender: bounce-aprsnews-839@lists.tapr.org
Message-Id: <LYR839-135437-2001.02.16-07.05.16--
lyris.aprsnews#tapr.org@lists.tapr.org>
Precedence: bulk

The old findu.com server has now taken over as the aprs.net machine, and the two are set up to load share. The two databases run independently, so it is possible to have differences between the two. However, if all network connections are up the differences should be non-existent to minimal. One exception is that of directly entered reports, these will only appear on the machine that they are entered into, I am working on getting these synchronized. Until then, you can use one or the other by using www1.findu.com (the dsl machine) and www2.findu.com (the museum machine).

Steve K4HG

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From bounce-aprsnews-839@lists.tappr.org Sat Mar 3 08:12:43 2001
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id IAA20479
for <lyris.aprsnews@tappr.org>; Sat, 3 Mar 2001 08:12:42 -0600 (CST)
Message-ID: <LYR839-138506-2001.03.03-08.27.41--
lyris.aprsnews#tappr.org@lists.tappr.org>
From: "Brent Hildebrand" <bhildebrand@earthlink.net>
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Subject: [aprsnews] APRS+SA v1.99 YL Parsing Bug
Date: Fri, 2 Mar 2001 21:26:04 -0800
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
X-Priority: 3
X-MSMail-Priority: Normal
X-MimeOLE: Produced By Microsoft MimeOLE V5.00.2919.6600
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
X-Message-Id: <051701c0a3a2\$78b919c0\$a592b3d1@laptop233>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

APRS+SA v1.99 YL has a parsing bug where it is sending partially parsed 3rd party packets to the APRSServe system. This can cause several serious side effects, such as causing IGated stations to appear on the RFLIST of stations and then possible looping related to the Gate by Callsign function. ALL users of APRS+SA v1.99 YL that connect the program to the Internet, should apply the patch found at the URL below

<ftp://ftp.tappr.org/aprssi/winstuff/aprsplus/parse199yl.P199>

This bug was introduced when it was found that KipSS data was not being gated to the Internet and "fixed".

Brent Hildebrand, KH2Z

APRS+SA
<http://www.tappr.org/~kh2z/aprsplus>
<ftp://ftp.tappr.org/aprssi/winstuff/aprsplus>

[]

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id OAA04508
for <lyris.aprsnews@tapr.org>; Tue, 6 Mar 2001 14:29:21 -0600 (CST)
Mime-Version: 1.0
X-Sender: mcmusick@mail.anet-stl.com
Message-Id: <LYR839-139177-2001.03.06-14.44.30--
lyris.aprsnews@tapr.org@lists.tapr.org>
Date: Tue, 6 Mar 2001 11:28:20 -0600
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: Mike Musick <mcmusick@anet-stl.com>
Subject: [aprsnews] pocketAPRS v1.10 Released
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <p04310100b6cabe721e58@[207.206.137.116]>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

pocketAPRS v1.10 has finally been let out of the cage. Palm OS
APRS'ers can download it from:

<ftp://ftp.tapr.org//aprssig/palmstuff/palmaprs/paprs110.zip>

The list of changes is really too long for here, but you can find one
at the website:

<http://www.pocketaprs.com/upcoming.html>

Probably the most significant feature change is KISS mode capability,
including digipeating.

A MILD CAUTION: I have been fighting a random crash ("Fatal
Exception") situation for several months, which is why it has taken
so long to get this version out the door. The best I can determine is
that it is specific to using a DFjr Multi-Port Adapter, which will
occasionally "collide" GPS and TNC data into garbage, but it's only a
problem under certain timing conditions that refuse to be duplicated

on the bench. With any other configuration it will run for days without a glitch. If any user has the Fatal Exception crash and is not running the DFjr MPA, please contact me ASAP.

...mike/NOQBF

--

pocketAPRS - APRS for the Palm Connected Organizer

Website: <http://www.pocketaprs.com>

Application: <ftp://ftp.tapr.org//aprssig/palmstuff/palmaprs/pcktaprs.zip>

Map Files: <ftp://ftp.tapr.org//aprssig/palmstuff/palmmaps/>

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id OAA04515
for <lyris.aprsnews@tapr.org>; Tue, 6 Mar 2001 14:29:22 -0600 (CST)
Mime-Version: 1.0
X-Sender: mcmusick@mail.anet-stl.com
Message-Id: <LYR839-139178-2001.03.06-14.44.32--
lyris.aprsnews@tapr.org>
Date: Tue, 6 Mar 2001 11:28:35 -0600
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: Mike Musick <mcmusick@anet-stl.com>
Subject: [aprsnews] Palm Connector Sales Discontinued
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <p04310102b6cac25f0a72@[207.206.137.116]>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Today I am sending out my last shipment of Palm III connectors. I have finally run out of the popular Palm III style connectors and extended shells, and would like to get out of the connector business, such as it was.

It was great to be able to encourage Palm device interest in APRS by having these inexpensive connectors available,. However, the connector picture is getting cloudier as more manufacturers jump on the Palm OS bandwagon, each with their own configuration. Even Palm has changed the rules with the m100 series, which has yet another connector style.

If anybody wants Palm V-style connectors, I still have a bunch left, and have reduced the price to \$5 each - I'll pick-up the shipping. I do not know if these will work with the rumored m500-series Palms.

Thanks to everyone who supported this effort!

...mike/N0QBF

--

pocketAPRS - APRS for the Palm Connected Organizer

Website: <http://www.pocketaprs.com>

Application: <ftp://ftp.tapr.org//aprssig/palmstuff/palmaprs/pcktaprs.zip>

Map Files: <ftp://ftp.tapr.org//aprssig/palmstuff/palmmaps/>

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From bounce-aprsnews-839@lists.tapr.org Wed Mar 7 18:18:55 2001
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id SAA15333
for <lyris.aprsnews@tapr.org>; Wed, 7 Mar 2001 18:18:54 -0600 (CST)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
X-Sender: mcmusick@mail.anet-stl.com
Message-Id: <LYR839-139370-2001.03.07-18.33.23--
lyris.aprsnews@tapr.org>
Date: Tue, 6 Mar 2001 19:51:17 -0600
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: Mike Musick <mcmusick@anet-stl.com>
Subject: [aprsnews] pocketAPRS v1.10 - Bugs Reported
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>

List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
X-Message-Id: <v04011701b6cb3fb038b6@[207.206.137.195]>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

It never fails. Wait too long to release something and it all comes crashing down.

A couple of bugs reported with today's release are significant, and certain folks may want to wait for the next release. In order of "relative disaster":

1) Maps will not display properly on Palm OS devices with the Dragonball-EZ CPU. This includes most Palm OS products released within the past year, which will be at least the Palm IIIxe, Palm Vx, Visor Platinum, Visor Prism and (I think) Sony CLIE. I don't know yet if it also affects the m100, but it does affect the m105 (which was released today).

2) Using the zoom popup menu with large-scale maps such as the Interstates map will crash the program if you zoom out past 1/2-X. This will also affect multiple zooming by tapping and with the page up/page down keys.

3) Loading the program "fresh" may result in inability to enable transmit. This appears to be solved by loading v1.08, running then stopping the program, then loading v1.10 on top of the older version. This is an internal preferences file problem and is something minor that I've overlooked.

In the meanwhile, I would still appreciate any other bug reports so fixes can be located and the gremlins squashed in one release.

I thank everyone for their indulgence, and offer my apologies for being less than thorough with this release.

...mike/N0QBF

pocketAPRS - APRS for the Palm Connected Organizer

Website: <http://www.pocketaprs.com>

Application: <ftp://ftp.tappr.org//aprsig/palmstuff/palmaprs/pcktaprs.zip>
Map Files: <ftp://ftp.tappr.org//aprsig/palmstuff/palmmaps/>

You are currently subscribed to aprsnews as: lyris.aprsnews@tapr.org
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wallou@tapr.org

From bounce-aprsnews-839@lists.tapr.org Sat Mar 10 19:15:59 2001
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id TAA07590
for <lyris.aprsnews@tapr.org>; Sat, 10 Mar 2001 19:15:59 -0600 (CST)
Message-Id: <LYR839-139894-2001.03.10-19.31.19--
lyris.aprsnews@tapr.org>
Subject: [aprsnews] Happy Birthday, findu.com!
Date: Sat, 10 Mar 2001 16:05:47 -0500
x-sender: sdimse@netrox.net
From: Steve Dimse <k4hg@tapr.org>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <200103102105.f2AL5Ci14549@raptor.netrox.net>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

It's been a year since the server came online, some numbers I find amazing:

- 131.2 million lines parsed
- 88.4 million position
- 16.2 million weather reports
- 8.8 million status reports
- 3.0 million messages

Most amazing of all is the 10.2 million web hits (9.7 million page-views)! I sure didn't expect these kind of numbers when I started, but it is very gratifying to have something people find so useful. Thanks for all the nice thank you notes over the last year!

Steve K4HG

You are currently subscribed to aprsnews as: lyris.aprsnews@tapr.org
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wallou@tapr.org

From bounce-aprsnews-839@lists.tappr.org Sat Mar 10 19:16:52 2001
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id TAA07648
for <lyris.aprsnews@tappr.org>; Sat, 10 Mar 2001 19:16:50 -0600 (CST)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
X-Sender: mcmusick@mail.anet-stl.com
Message-Id: <LYR839-139897-2001.03.10-19.32.06--
lyris.aprsnews#tappr.org@lists.tappr.org>
Date: Sat, 10 Mar 2001 18:04:56 -0600
To: "APRS Announcements" <aprsnews@lists.tappr.org>
From: Mike Musick <mcmusick@anet-stl.com>
Subject: [aprsnews] pocketAPRS v1.11 Uploaded
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
X-Message-Id: <v04011700b6d06ee2f955@[207.206.136.212]>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

Correcting the mis-step of last Tuesday, pocketAPRS version 1.11 has been
uploaded to the TAPR FTP site:

<ftp://ftp.tappr.org//aprssig/palmstuff/palmaprs/paprs111.zip>

Specific problems in version 1.10 addressed:

- 1) Maps now display on grayscale devices running Palm OS 3.5;
- 2) Fixed crash on zooming-out too far;
- 3) Fixed hard crash on Palm III's running Palm OS 3.0;
- 4) Now able to transmit after initial loading of program;
- 5) Non-registered users now able to transmit;

plus additional corrections:

- 6) Visor Prism map display bug fixed;
- 7) Smoother transitions between setup screens for first-time startup;
- 8) Default path properly loaded for first-time startup.

As always, be sure to let me know of anything new or missed!

...mike/N0QBF

pocketAPRS - APRS for the Palm Connected Organizer

Website: <http://www.pocketaprs.com>

Application: <ftp://ftp.tapr.org//aprssig/palmstuff/palmaprs/pcktaprs.zip>

Map Files: <ftp://ftp.tapr.org//aprssig/palmstuff/palmmaps/>

You are currently subscribed to aprsnews as: lyris.aprsnews@tapr.org
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wallou@tapr.org

From bounce-aprsnews-839@lists.tapr.org Sat Mar 10 22:00:00 2001
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id VAA19178
for <lyris.aprsnews@tapr.org>; Sat, 10 Mar 2001 21:59:59 -0600 (CST)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
X-Sender: mcmusick@mail.anet-stl.com
Message-Id: <LYR839-139939-2001.03.10-22.15.20--
lyris.aprsnews@tapr.org>
Date: Sat, 10 Mar 2001 20:39:06 -0600
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: Mike Musick <mcmusick@anet-stl.com>
Subject: [aprsnews] pocketAPRS ==> v1.12 <== Uploaded
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <v04011704b6d0952ef8f6@[207.206.136.123]>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

And, now, correcting the mis-step of this afternoon, pocketAPRS version 1.12 has been uploaded to the TAPR FTP site:

<ftp://ftp.tapr.org//aprssig/palmstuff/palmaprs/paprs112.zip>

This fixed a problem created in v1.11 similar to the map display problem in v1.10, except this time objects were invisible.

Haste makes waste (or multiple versions, at least!).

Sorry, everyone!

...mike/N0QBF

pocketAPRS - APRS for the Palm Connected Organizer

Website: <http://www.pocketaprs.com>

Application: <ftp://ftp.tapr.org//aprssig/palmstuff/palmaprs/pcktaprs.zip>

Map Files: <ftp://ftp.tapr.org//aprssig/palmstuff/palmmaps/>

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Questions regarding the SIG go to the SIG administrator: wallou@tapr.org

From bounce-aprsnews-839@lists.tapr.org Wed Mar 21 19:43:22 2001
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id TAA24395
for <lyris.aprsnews@tapr.org>; Wed, 21 Mar 2001 19:43:21 -0600 (CST)
Mime-Version: 1.0
X-Sender: mcmusick@mail.anet-stl.com
Message-Id: <LYR839-2055-2001.03.21-19.59.06--
lyris.aprsnews@tapr.org>
Date: Wed, 21 Mar 2001 15:56:06 -0600
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: Mike Musick <mcmusick@anet-stl.com>
Subject: [aprsnews] Latest pocketAPRS Bug Fixes Uploaded
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <p04310101b6ded24b7c6c@[207.206.137.180]>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

pocketAPRS version 1.13 has been uploaded to the TAPR FTP site:

<ftp://ftp.tapr.org//aprssig/palmstuff/palmaprs/paprs113.zip>

This version fixes a handful of leftover bugs from the v1.10 release of two weeks ago:

- "Fatal Exception" on station list when attempting distance display
- Trackers using \$GPRMC were displaying incorrect speed and heading
- "APZxxx" station types now recognized
- Malformed MIC-E packets misinterpreted into valid-looking positions

Enjoy!

...mike/N0QBF

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pocketAPRS - APRS for the Palm Connected Organizer

Website: <http://www.pocketaprs.com>

Application: <ftp://ftp.tapr.org//aprssig/palmstuff/palmaprs/pcktaprs.zip>

Map Files: <ftp://ftp.tapr.org//aprssig/palmstuff/palmmaps/>

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Questions regarding the SIG go to the SIG administrator: wallou@tapr.org

From bounce-aprsnews-839@lists.tapr.org Mon Mar 26 11:03:15 2001

Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])

by tapr.org (8.9.3/8.9.3/1.13) with SMTP id LAA00838

for <lyris.aprsnews@tapr.org>; Mon, 26 Mar 2001 11:03:10 -0600 (CST)

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

X-Sender: mcmusick@mail.anet-stl.com

Message-Id: <LYR839-2919-2001.03.26-11.19.09--

lyris.aprsnews@tapr.org>

Date: Sun, 25 Mar 2001 19:41:17 -0600

To: "APRS Announcements" <aprsnews@lists.tapr.org>

From: Mike Musick <mcmusick@anet-stl.com>

Subject: [aprsnews] Canadian Maps for pocketAPRS

List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>

List-Software: Lyris Server version 3.0

List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <v04011700b6e446bab885@[207.206.137.154]>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

At long last! With non-US pocketAPRS users starving for maps for almost three years, we now have Canadian province maps available. They are located at:

<ftp://ftp.tapr.org//aprssig/palmstuff/palmmaps/02Non-US%20Maps/Canada/>

We were able to do this because Eric Cuthbert and Steve Jones found a site offering a collection of Canadian province and territory map data in the easy-to-digest DXF format.

These maps are large-area views and only cover major roads. There was no discussion I could find with the geodata concerning reference datum, but given the coarse resolution of the data (documented as +/- 2 km), inaccuracies from the more common datum shifts would be moot.

If anyone else knows of public-domain (that is, *free*) map data for non-US locations also published in the DXF format, I encourage you to drop me a line and we'll take a look. Please be forewarned that DXF is a general-purpose format and not a geodata expression system, so every DXF file (or related collection) is going to be unique and will require "tuning".

Anyway, next time you see Eric or Steve, be sure to tell them "Thanks!" for finding a solution for what has been a frustrating problem.

...mike/N0QBF

pocketAPRS - APRS for the Palm Connected Organizer

Website: <http://www.pocketaprs.com>
FAQ: <http://www.pocketaprs.com/faq.html>

Application: <ftp://ftp.tapr.org//aprssig/palmstuff/palmaprs/pcktaprs.zip>
Map Files: <ftp://ftp.tapr.org//aprssig/palmstuff/palmmaps/>

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Questions regarding the SIG go to the SIG administrator: wallou@tapr.org

From bounce-aprsnews-839@lists.tapr.org Tue Mar 27 18:49:22 2001
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id SAA11703
for <lyris.aprsnews@tapr.org>; Tue, 27 Mar 2001 18:49:20 -0600 (CST)
Message-Id: <LYR839-3193-2001.03.27-19.05.24--
lyris.aprsnews@tapr.org@lists.tapr.org>
X-Sender: plkilroy@pop700.gsfc.nasa.gov
Date: Tue, 27 Mar 2001 18:31:45 -0500
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: Pat Kilroy <pat.kilroy@gsfc.nasa.gov>
Subject: [aprsnews] AMSAT-DC SEMINAR FINAL ANNOUNCEMENT
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <5.0.2.1.2.20010327182631.00a78ec0@pop700.gsfc.nasa.gov>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

March 25, 2001

AMSAT-DC SEMINAR FINAL ANNOUNCEMENT

Space enthusiasts and Amateur Satellite operators are invited to the Maryland-DC area AMSAT Meeting and Space Seminar. The gathering takes place on Sunday, April 1, 2001 in the Visitor Center auditorium of the NASA Goddard Space Flight Center in Greenbelt, Maryland.

Special guests include Robin Haighton, VE3FRH, President of AMSAT-NA, Barry Baines, WD4ASW, AMSAT Vice President Field Operations, and more!

The agenda, worker signup, and more information about the event can be found at the AMSAT-DC web site:

<http://simsat.gsfc.nasa.gov/ssamsatdc.html>

We plan to start promptly at 1:00 p.m. EDT. Please come early to help set up and take a stroll in the Visitor Center Hall of Satellites.

Visitors can enjoy a walking tour of the Hubble Space Telescope Operations Control Center and the NASA Communications Center at 11 a.m. The Educator's Resource Center will also be available for gathering student and classroom materials.

For directions and additional information on the GSFC Visitor Center,
visit the VC web site <http://pao.gsfc.nasa.gov/vc/vc.htm> or contact
n8pk@amsat.org.

eof

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Patrick L. Kilroy                                     WK
Integration & Test Lead Engineer  PHONE:  301-286-1984
NASA Goddard Space Flight Center FAX:    301-286-1673
Building 5, Mail Code 568         E-MAIL: pat.kilroy@gsfc.nasa.gov
Greenbelt, Maryland 20771         WEB:    http://simsat.gsfc.nasa.gov
=====
```

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From bounce-aprsnews-839@lists.tapr.org Thu Mar 29 10:58:10 2001
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id KAA14185
for <lyris.aprsnews@tapr.org>; Thu, 29 Mar 2001 10:58:07 -0600 (CST)
Mime-Version: 1.0
X-Sender: mcmusick@mail.anet-stl.com
Message-Id: <LYR839-3586-2001.03.29-11.14.08--
lyris.aprsnews@tapr.org>
Date: Thu, 29 Mar 2001 10:51:54 -0600
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: Mike Musick <mcmusick@anet-stl.com>
Subject: [aprsnews] More pocketAPRS Bug Fixes Uploaded
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <p04310100b6e90e95cb76@[207.206.136.131]>

Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

pocketAPRS version 1.14 has been uploaded to the TAPR FTP site:

<ftp://ftp.tapr.org//aprssig/palmstuff/palmaprs/paprs114.zip>

This version cleans-up several areas of minor "unsanitary" handling of low-level memory, especially relative to the just-announced Palms running Palm OS 4.0 (the Palm m500 and m505). I think a couple of folks experienced these as weird or otherwise unexplainable one-time crashes.

Also, I had forgotten to enable the map beaming feature in the distribution versions (it had been under test for over a year!). Beaming maps is still not reliable, and there's nothing I can do about it - it's just a device limitation. It should only be tried in a pinch, only between newer Palms (running 3.5 or better), and then only with smaller maps.

In addition, "APUxxx" has been added to the known APRS station types.

As usual, enjoy!

...mike/N0QBF

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pocketAPRS - APRS for the Palm Connected Organizer

Website: <http://www.pocketaprs.com>
FAQ: <http://www.pocketaprs.com/faq.html>

Application: <ftp://ftp.tapr.org//aprssig/palmstuff/palmaprs/pcktaprs.zip>
Map Files: <ftp://ftp.tapr.org//aprssig/palmstuff/palmmaps/>

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Questions regarding the SIG go to the SIG administrator: wallou@tapr.org

From bounce-aprsnews-839@lists.tapr.org Fri Apr 6 11:06:45 2001
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id LAA27921
for <lyris.aprsnews@tapr.org>; Fri, 6 Apr 2001 11:06:43 -0500 (CDT)
Mime-Version: 1.0
X-Sender: mcmusick@mail.anet-stl.com
Message-Id: <LYR839-5276-2001.04.06-11.23.11--
lyris.aprsnews@tapr.org@lists.tapr.org>
Date: Fri, 6 Apr 2001 10:32:40 -0500
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: Mike Musick <mcmusick@anet-stl.com>
Subject: [aprsnews] Maps of Europe for pocketAPRS, WinAPRS
Cc: ct2hao@clix.pt
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <p04310100b6f2641de9db@[207.206.136.36]>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

With thanks to the tireless efforts of Miguel Matias, CT2HA0, we appear to be on the verge of solving the relative lack of APRS-format vector maps for Europe. Miguel is able to create original maps in the DXF drafting format, which are translatable into pocketAPRS and Win/MacAPRS native formats.

A test map of Europe is now on the TAPR FTP in two formats -

pocketAPRS:

<ftp://ftp.tapr.org//aprssig/palmstuff/palmmaps/02Non-US%20Maps/Europe.pdb>

WinAPRS and MacAPRS:

<ftp://ftp.tapr.org//aprssig/maps/WinMacMaps/europe.zip>

We are looking for confirmation from APRS users on the Continent that maps produced this way reasonably represent the reality.

If you have a chance to check either or both, please direct your comments to myself (mcmusick@anet-stl.com) or Miguel (ct2hao@clix.pt), so we can fine-tune the process.

Thanks!

...mike/N0QBF

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pocketAPRS - APRS for the Palm Connected Organizer

Website: <http://www.pocketaprs.com>
FAQ: <http://www.pocketaprs.com/faq.html>

Application: <ftp://ftp.tapr.org//aprssig/palmstuff/palmaprs/pcktaprs.zip>
Map Files: <ftp://ftp.tapr.org//aprssig/palmstuff/palmmaps/>

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Questions regarding the SIG go to the SIG administrator: wallou@tapr.org

From bounce-aprsnews-839@lists.tapr.org Fri Apr 6 15:23:49 2001
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id PAA21363
for <lyris.aprsnews@tapr.org>; Fri, 6 Apr 2001 15:23:48 -0500 (CDT)
Message-Id: <LYR839-5317-2001.04.06-15.40.17--
lyris.aprsnews@tapr.org>
X-Sender: plkilroy@pop700.gsfc.nasa.gov
Date: Fri, 06 Apr 2001 16:18:22 -0400
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: Pat Kilroy <pat.kilroy@gsfc.nasa.gov>
Subject: [aprsnews] AMSAT-DC "Official Record" and Photograph
Cc: garc-bb@garc-fs.gsfc.nasa.gov, simsat@listserv.gsfc.nasa.gov,
aprsnews@lists.tapr.org, pat@patkilroy.com, aa3rr@arrrl.net
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <5.0.2.1.2.20010406154400.00a3a0d0@pop700.gsfc.nasa.gov>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

I just posted our "official" summary and a group photo from
last Sunday afternoon's gathering on our AMSAT-DC web site:

<http://simsat.gsfc.nasa.gov/ssamsatdc.html>

Also, I made it easier to write to any of the speakers to thank them for their volunteer efforts. Please do! Just click on their name and tell them what you think. Good things, of course!

-PK

```
=====
Patrick L. Kilroy                                     WK
Integration & Test Lead Engineer  PHONE:  301-286-1984
NASA Goddard Space Flight Center  FAX:    301-286-1673
Building 5, Mail Code 568          E-MAIL: pat.kilroy@gsfc.nasa.gov
Greenbelt, Maryland 20771          WEB:    http://simsat.gsfc.nasa.gov
=====
```

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To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wallou@tapr.org

From bounce-aprsnews-839@lists.tapr.org Sat Apr 7 20:03:02 2001
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id UAA27753
for <lyris.aprsnews@tapr.org>; Sat, 7 Apr 2001 20:02:54 -0500 (CDT)
Message-ID: <LYR839-5515-2001.04.07-20.19.26--
lyris.aprsnews@tapr.org>
From: "Henk de Groot" <henk.de.groot@hetnet.nl>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
References: <LYR19749-3586-2001.03.29-11.14.08--
Henk.de.Groot@hetnet.nl>
Subject: [aprsnews] DIGI_NED 0.2.5
Date: Sat, 7 Apr 2001 23:45:11 +0200
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
X-Priority: 3
X-MSMail-Priority: Normal
X-MimeOLE: Produced By Microsoft MimeOLE V5.50.4133.2400
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0

List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <004601c0bfac\$52372640\$f5234bd5@toshiba>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Hello,

I released a new version of DIGI_NED, version 0.2.5. I had send out 0.2.4 but discovered a anoying bug which I corrected.

If you don't know what DIGI_NED is, it is a dedicated digipeater, does not have a GUI but is very stable and good at its job (If you disagree, tell me what's wrong and I fix it...). It runs in DOS on cheap 286 class PC's (or better) and on Linux using all kind of modems, from cheap BayCom/BayPack and YAM modem to KISS TNC's and SCC cards. It can have up to 8 ports so can also act as a cross-band digipeater. The source is published under the GPL licence.

Besides small enhancements a new function, the satellite tracker, designed by Alex Krist, KG4ECV. Determine azymuth and elevation through APRS. Let DIGI_NED tell you through APRS when a satellite will fly over in your area. Follow the sattelite on your map.

Furthermore big news, DIGI_NED has now a coordinated destination call which is world-wide assigned to DIGI_NED. All packets with "to" address APNDxx are originated by DIGI_NED. When tou see this you know which services you can expect from the digipeater!

Furthermore additional suppoer for telemetry multiplexing. Take a look at the DIGI_NED telemetry APRS temperature measurement installation on:

http://www.online-club.de/~burkhard-john/aprs_thermometer/index.html

You can also reach this page via the DIGI_NED Techweb at the VrzApDxw/DIGI_NET site (http://www.qsl.net/digi_ned).

As usual the dos executable has been posted to APRS7@NLDNET on the HAM packetnetwork as DNEXE025.ZIP.

The executable an the sources are now available on the Internet:

http://www.qsl.net/digi_ned

Here are the changes from the Changes.txt file:

Changes.txt

04-04-2001 version 0.2.5

- Found an error in the pattern matching routine. Also use of pattern matching caused commands like "!out 1 10010001" to return an error

04-04-2001 version 0.2.4

- Apparently one of the types I created "timer_t" now is also included in GCC. This caused compilation errors on systems with a new GCC version. I renamed my type to "digi_timer_t".
- Removed object from the message-file, the shop for which it was is gone.
- DigiTo: and DigiSsid: changed back in the default digi_ned.ini. Now they only there is an explicit test for Uiview messages to avoid SSID substitution on those. The patch from the previous version was no good since it also did not allow MIC-E packets anymore. The rule used to solve this is ssid_ignore_prefix: which now has the "~" character to block Uiview messages for SSID digipeating.
- Keyboard commands now also work in Linux. The handling is a little bit restricted in the sense that it uses the 0x08 character as backspace, disregarding any terminal settings. Commands can be entered with ESC flowed by the command character. On my RH5.2 installation this also works with ALT-<key> since that just outputs the character with an ESC prefix character. YMMV but at least for some users these keyboard commands will work. For Linux I did not add the ALT-D (or ESC+D) command, starting a shell from DIGI_NED is useless for Linux. Since you don't want DIGI_NED to mess with the keyboard when you want to run it in background, keyboard support has to be switched on by supplying a '-k' flag at the commandline.
- Implemented ALT-H which gives keyboard-help. Now you don't have to memorize all the ALT-<key> commands anymore, just ALT-H!
- From the message file you can now start a program. You can also read the query response from a file.
Response strings starting with '!' are executed. Response strings starting with '>' will read the data from a file named in the text. When starting a string with '!!' execution is restricted to the digi owner.
- In a message text you can use %q which will be replaced runtime with the complete query string from the user (converted to lowercase).
- You can now use wildcards in queries to match the rest of the query. This works the same way as wildcards in the the call-matching used with the rules. The wildcards are:
 - * Matches any 0 or more character(s).
 - ? Matches any 1 character.
 - @ Matches any alpha character.
 - ! Matches any digit.This can be used to simplify the alternatives for a query, I had the need for this to implement the ?whois example.
- Added Satellite tracker, donated by Alex Krist, KG4ECV. Read

Sattrack.txt and Sattrack.doc for details. Thank you very much, it is a very nice addition to DIGI_NED! You can send "sats" or "sat list" to get a list of available satellites. All satellites are identified with a 4 character AMSAT identifier. When a satellite has only 3 characters append underscores to make it 4 (e.g. ISS becomes ISS_).

You can have DIGI_NED plot the location of a satellite for you. Send 'sat ao40' for example to get an A040 satellite object on the map. The satellite will have comment text that specifies when it will come above the horizon in your area. You can also track a satellite. Send 'trk uo22' to track the uo22 satellite. When not in range every 10 minutes an update for the uo22 is plot on your map. The satellite comments shows when it will rise above the horizon. When in range the satellite will plot an update every minute. The satellitte comment shows you bearing and azimuth to the satellite but also the up dan downlink frequency including the current dopler shift for you. Besides that the mode op operation is visible. For more extensive information read Sattrack.txt and

Sattrack.doc,

provided by Alex, KG4ECV.

- As usual moved some code to enhance the program structure.
- Started using APNDxx as destination code instead of APZxxx.
- New format destination address:

DIGI_NED now uses destination address APNDxx. The prefix APN can be shared with other intelligent digipeaters. The prefix APND is reserved for DIGI_NED now in coordination with the APRS protocol workgroup. The DIGI_NED version number is now compressed in 2 alfanumeric bytes. For this count base 36 is used to have enough numbers to identifiy DIGI_NED versions, I.e counting goes:

01,02,...,09,0A,0B,...,0Z,10,11,...,1Z,20,...,etc

where 01 is version 0.0.1, 0Z is version 0.3.5 and 10 is version 0.3.6 etc. It is not as clear as the old numbering, but this leaves space for other applications using the APN prefix.

Table (for versions 001 to 036 with corresponding base 36 numbers):

001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018
01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F	0G	0H	0I
019	020	021	022	023	024	025	026	027	028	029	030	031	032	033	034	035	036
0J	0K	0L	0M	0N	0O	0P	0Q	0R	0S	0T	0U	0V	0W	0X	0Y	0Z	10

The destination for this version is APND00

(P.S. Suggestions to use different destination addresses have been declined in coordination with the APRS protocol workgroup members. The version identification is an part of the APRS standard, the type of message can be identified with the whole frame anyway).

- DIGI_NED now contains support for multiplexing via the lpt port. When reading the port the port number (which is 0 based and runs from 0 to 5) is put on bits 1, 2 and 3 of the control port. These bits correspond with the "Auto Linefeed", "Initialize Printer" and "Select Printer" outputs of the LPT port.
- Removed French documentation, added a pointer to the Moselle APRS Packet Group (MAPG) in France to the digi_ned documentation. Use this to get

French support for DIGI_NED. The address is:
<http://mapg.iframe.com/mapg/index.htm> or via the DIGI_NED portal
at http://www.qsl.net/digi_ned/

APRS[tm] is a Trademark of Bob Bruninga,
his home page is at "<http://web.usna.navy.mil/~bruninga/aprs.html>"

Kind regards,

Henk.

--

The difference between theory and practice in practice is bigger than the
difference between theory and practice in theory.

Henk de Groot		Apeldoorn, The Netherlands, J032AF
PE1DNN@PI8APD.#GLD.NLD.EU		NOKIA-ATF2, YAM Modem, Linux RedHat 5.2

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From bounce-aprsnews-839@lists.tapr.org Wed Apr 11 19:18:03 2001
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id TAA28947
for <lyris.aprsnews@tapr.org>; Wed, 11 Apr 2001 19:18:02 -0500 (CDT)
User-Agent: Microsoft-Entourage/9.0.2509
Date: Wed, 11 Apr 2001 20:17:46 +0000
Subject: [aprsnews] 2001 Dayton APRS Web Page
From: Stan Horzepa <stanzepa@mail2.nai.net>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Message-ID: <LYR839-6351-2001.04.11-19.34.45--
lyris.aprsnews#tapr.org@lists.tapr.org>
Mime-version: 1.0
Content-type: text/plain; charset="ISO-8859-1"
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <B6FA6C6A.3A90%stanzepa@ct2.nai.net>
Sender: bounce-aprsnews-839@lists.tapr.org

Precedence: bulk

Content-Transfer-Encoding: 8bit

X-MIME-Autoconverted: from quoted-printable to 8bit by tapr.org id TAA28947

The Dayton Hamvention is only five weeks away. It is the biggest congregation of hams in the U.S., if not the world, and the biggest congregation of APRS users, too. As a result, there is a lot going on APRS-wise at Dayton.

So you won't miss a thing, there is now a new Web page (<http://www.tapr.org/~wallou/2001/2001.html>) that is intended to document APRS-related activities planned for the 2001 installment of the Hamvention.

That page lists the following APRS-related information:

- Forums that are APRS-related.
- APRS-related companies, organizations, and individuals who will be camped out at some location in the Hara Arena or in the flea market.
- Other APRS-related activities.
- A list of your APRS compatriots who are planning to go to the Hamvention.

Please email me (wallou@arrl.net) any additional information you may have regarding Dayton APRS activity. Here are some things I'd like to add:

- Where the APRS authors will be camped out. Is WB4APR going to be at the AMSAT booth as in the past? Where will the Sproul Bros. be this year? How about the rest of you APRS authors?
- Is there going to be a Packet Bash or APRS Pizza Party this year?
- If you are planning to go to Dayton, let me know and I will add you to the ≥Whom's going to Dayton≤ list.
- Also, I would like to add some information on how to APRS in Dayton. Can somebody provide a description of the Dayton area APRS network and how to use it?

Have Fun,

Stan Horzempa, WA1LOU

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id TAA00986
for <lyris.aprsnews@tapr.org>; Wed, 11 Apr 2001 19:47:06 -0500 (CDT)
User-Agent: Microsoft-Entourage/9.0.2509
Date: Wed, 11 Apr 2001 20:46:51 +0000
Subject: [aprsnews] Follow-up: 2001 Dayton APRS Web Page
From: Stan Horzempa <stanzepa@mail2.nai.net>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Message-ID: <LYR839-6360-2001.04.11-20.03.49--
lyris.aprsnews#tapr.org@lists.tapr.org>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <B6FA733A.3AB0%stanzepa@ct2.nai.net>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

I neglected to mention in my previous posting...

To be added to the "Who's going to Dayton" list on the 2001 Dayton APRS Web Page, please send me your APRS callsign, name, home QTH, and optionally, a mugshot (a small jpg or gif).

73,

Stan, WA1LOU

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id NAA05259
for <lyris.aprsnews@tapr.org>; Fri, 13 Apr 2001 13:42:47 -0500 (CDT)
User-Agent: Microsoft-Entourage/9.0.2509

Date: Fri, 13 Apr 2001 14:42:13 +0000
Subject: [aprsnews] 2001 Dayton APRS Web Page
From: Stan Horzempa <stanzepa@mail2.nai.net>
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Message-ID: <LYR839-6734-2001.04.13-13.59.31--
lyris.aprsnews#tappr.org@lists.tappr.org>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tappr.org>>
X-Message-Id: <B6FCC0C4.3C71%stanzepa@ct2.nai.net>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

The 2001 Dayton APRS Web Page (<http://www.tappr.org/~wallou/2001/2001.html>) has been updated with all your inputs that were received during the past 48 hours. It includes a list of 27 APRS folk who are planning to come to the Hamvention. If you want to be added to the list or if you have anything else to be added to the page, please email me.

Stan, WA1LOU

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From bounce-aprsnews-839@lists.tappr.org Sun Apr 15 11:16:43 2001
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id LAA27368
for <lyris.aprsnews@tappr.org>; Sun, 15 Apr 2001 11:16:40 -0500 (CDT)
Message-ID: <LYR839-7060-2001.04.15-11.33.36--
lyris.aprsnews#tappr.org@lists.tappr.org>
From: "Henk de Groot" <henk.de.groot@hetnet.nl>
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Subject: [aprsnews] DIGI_NED 0.2.6
Date: Sun, 15 Apr 2001 17:03:44 +0200
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
X-Priority: 3

X-MSMail-Priority: Normal
X-MimeOLE: Produced By Microsoft MimeOLE V5.50.4133.2400
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <00b201c0c5bd\$fccc1d60\$14214bd5@toshiba>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Hello,

I released a new version of DIGI_NED, version 0.2.6. This is an bugfix release for version 0.2.5. A error was discovered in the "trk" and "sat" queries which could hang a DOS system or cause a Segmentation fault in Linux. Thanks to Boris, OK1RQ, for quickly reporting this! While I'm at it I also fixed a problem with the UTC offset value in digi_ned.ini, the tracker only worked correctly under DOS when a TZ environment variable was present.

Besides the bugfix a few touchups, like the ability to specify more then one satellite with the "trk" or "sat" queries.

If you don't know what DIGI_NED is, it is a dedicated digipeater, does not have a GUI but is very stable and good at its job (If you disagree, tell me what's wrong and I fix it...). It runs in DOS on cheap 286 class PC's (or better) and on Linux using all kind of modems, from cheap BayCom/BayPack and YAM modem to KISS TNC's and SCC cards. It can have up to 8 ports so can also act as a cross-band digipeater. The source is published under the GPL licence.

APRS. Let DIGI_NED tell you through APRS when a satellite will fly over in your area. Follow the sattelite on your map.

DIGI_NED has a coordinated destination call which is world-wide assigned to DIGI_NED. All packets with "to" address APNDxx are originated by DIGI_NED. When tou see this you know which services you can expect from the digipeater!

For telemetry activities with APRS and DIGI_NED take a look at the DIGI_NED telemetry APRS temperature measurement installation on:

http://www.online-club.de/~burkhard-john/aprs_thermometer/index.html

You can also reach this page via the DIGI_NED Techweb at the VrzApDxw/DIGI_NET site (http://www.qsl.net/digi_ned).

As usual the dos executable has been posted to APRS7@NLDNET on the HAM packetnetwork as DNEXE026.ZIP.

The executable and the sources are now available on the Internet:

http://www.qsl.net/digi_ned

Here are the changes from the Changes.txt file:

Changes.txt

14-04-2001 version 0.2.6

- Nasty bug in the "trk" and "sat" query, specifying more than one satellite caused a crash in the DOS version. Most Linux systems survived this out of array-bounds abuse. Now the logic is fixed and even enhanced! You can now supply more than 1 satellite on the "sat" and "trk" command, when using a 3 letter sat like ISS the digi will add the trailing "_" for you! Thanks to Boris, OK1RQ, for reporting this bug. Keep reporting bugs and ideas for enhancements! There is no guarantee that it will get implemented (but you can always do it yourself too) but without this input it will for sure not be implemented!
- The UTC time-difference setting in digi_ned.ini did not work on DOS systems. On DOS either the environment variable TZ is used or if not available the setting in digi_ned.ini. The latter failed because even when TZ is not specified the Borland-library still provided a UTC time offset! As a result the reported satellites were ahead of time. Now it works. The value "digi_utc_offset:" is only used when no timezone information is provided by the system. Added information about this and about setting the TZ environment variable in the digi_ned.ini file. This one caused me a real headache so it better be working now...
- Keplersets updated up to the newest 2 line elements received on the KEPLER@AMSAT packet area on the Dutch packet network.
- Modification when a second station wants to track a satellite that is already being tracked. The previous version ignored this, now tracking is restarted. This way an object will appear soon and the tracking stops "track_duration:" minutes after the last received request (was after the first received request). Solves the problem that it sometimes looks that the digipeater does not respond to the "trk" command (it was already tracking but the next object deposit could take a while).

APRS[tm] is a Trademark of Bob Bruninga,
his home page is at "<http://web.usna.navy.mil/~bruninga/aprs.html>"

Kind regards,

Henk.

--

The difference between theory and practice in practice is bigger than the
difference between theory and practice in theory.

Henk de Groot | Apeldoorn, The Netherlands, J032AF
PE1DNN@PI8APD.#GLD.NLD.EU | NOKIA-ATF2, YAM Modem, Linux RedHat 5.2

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From bounce-aprsnews-839@lists.tapr.org Tue Apr 17 14:08:45 2001
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id OAA24895
for <lyris.aprsnews@tapr.org>; Tue, 17 Apr 2001 14:08:42 -0500 (CDT)
Message-ID: <LYR839-7490-2001.04.17-14.25.36--
lyris.aprsnews#tapr.org@lists.tapr.org>
From: "Henk de Groot" <henk.de.groot@hetnet.nl>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] DIGI_NED 0.2.7
Date: Tue, 17 Apr 2001 20:53:14 +0200
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
X-Priority: 3
X-MSMail-Priority: Normal
X-MimeOLE: Produced By Microsoft MimeOLE V5.50.4133.2400
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <009d01c0c771\$85098780\$a3204bd5@toshiba>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Hello again!

I released a new version of DIGI_NED, version 0.2.7. This is an bugfix
release for version 0.2.6. A bug was found in the DOS version which
could cause rapid transmission of SAT objects. Another timing problem.

For background: The problem with DOS is that there is no timezone

handling. You can set the TZ environment value but also use the `digi_utc_offset:` rule if the TZ string is not present. The problem is that this offset is read after the timers for the beacons are already started. Therefore the timer functions in 0.2.6 use local-time in DOS now which fixed a problem with the beacon timing. Unfortunately the AOS time, which is in UTC, was used directly with the internal timer structure, which caused in some cases immediate expiration when UTC is behind your time, resulting in a lot of sat Object transmissions. In Linux all the timers work in UTC and therefore there is not problem with Linux.

I verified this bug is fixed now, hopefully this is the last one. If not then I think I will throw out the "`digi_utc_offset:`" rule because that is causing all these timer problems.

If you don't know what DIGI_NED is, it is a dedicated digipeater, does not have a GUI but is very stable and good at its job (If you disagree, tell me what's wrong and I fix it...). It runs in DOS on cheap 286 class PC's (or better) and on Linux using all kind of modems, from cheap BayCom/BayPack and YAM modem to KISS TNC's and SCC cards. It can have up to 8 ports so can also act as a cross-band digipeater. The source is published under the GPL licence.

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For telemetry activities with APRS and DIGI_NED take a look at the DIGI_NED telemetry APRS temperature measurement installation on:

http://www.online-club.de/~burkhard-john/aprs_thermometer/index.html

You can also reach this page via the DIGI_NED Techweb at the VrzApDxw/DIGI_NET site (http://www.qsl.net/digi_ned).

As usual the dos executable has been posted to APRS7@NLDNET on the HAM packetnetwork as DNEXE027.ZIP.

The executable and the sources are now available on the Internet:

http://www.qsl.net/digi_ned

Here are the changes from the Changes.txt file:

Changes.txt

16-04-2001 version 0.2.7

- You woun't believe it (I did not anyway), but there is another problem with timezone stuff. This time the value for nextaos was used wrongly in combination with in the timer functions. In DOS satellites were transmitted like crazy when tracking, depending on how far AOS for the satellite is. Solved now hopefully.
- Read the latest TLE data from the Packet network.

APRS[tm] is a Trademark of Bob Bruninga,
his home page is at "<http://web.usna.navy.mil/~bruninga/aprs.html>"

Kind regards,

Henk.

--

The difference between theory and practice in practice is bigger than the
difference between theory and practice in theory.

Henk de Groot		Apeldoorn, The Netherlands, J032AF
PE1DNN@PI8APD.#GLD.NLD.EU		NOKIA-ATF2, YAM Modem, Linux RedHat 5.2

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From bounce-aprsnews-839@lists.tapr.org Tue Apr 17 21:14:33 2001
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id VAA13691
for <lyris.aprsnews@tapr.org>; Tue, 17 Apr 2001 21:14:30 -0500 (CDT)
User-Agent: Microsoft-Entourage/9.0.2509
Date: Tue, 17 Apr 2001 22:13:49 -0400
Subject: [aprsnews] 2001 Dayton APRS Web Page update
From: Stan Horzepa <stanzepa@mail2.nai.net>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Message-ID: <LYR839-7586-2001.04.17-21.31.29--
lyris.aprsnews#tapr.org@lists.tapr.org>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>

List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
X-Message-Id: <B702709D.3FB9%stanzepa@ct2.nai.net>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

I updated the 2001 Dayton APRS Web Page tonight
(<http://www.tappr.org/~wallou/2001/2001.html>). The update has news about the
APRS Pizza Party and the Who's Going To Dayton? list now has 80 entries.

Send any and all inputs to me and I will get them on the page ASAP.

73,

Stan, WA1LOU

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From bounce-aprsnews-839@lists.tappr.org Thu Apr 19 06:59:45 2001
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id GAA03098
for <lyris.aprsnews@tappr.org>; Thu, 19 Apr 2001 06:59:36 -0500 (CDT)
Message-ID: <LYR839-7845-2001.04.19-07.16.37--
lyris.aprsnews@tappr.org>
Date: Thu, 19 Apr 2001 06:05:46 -0500
From: James Smith <k9apr@tawg.org>
Organization: Tri-State APRS Working Group \ Chairman
X-Accept-Language: en
MIME-Version: 1.0
To: "APRS Announcements" <aprsnews@lists.tappr.org>
CC: TAPR <aprssig@lists.tappr.org>
Subject: [aprsnews] Re: 8th annual
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
X-Message-Id: <3ADE68A.76D61C13@tawg.org>
Sender: bounce-aprsnews-839@lists.tappr.org

Precedence: bulk

Hello All,

Everyone is welcome to join us this yr. for the 8th. Annual APRS Eyeball during the Dayton Hamvention. Again this yr. it will be held at Marion's Piazza.

Date: Saturday May 19th. Time:

Time: 6 P.M. - ??

Address: 3443 N. Dixie Dr. Dayton, OH...

Location Map: Can be viewed at this site

<http://www.tapr.org/~wallou/2001/pizzamap.jpg> . Thanks goes to Stan WA1LOU on the excellent job on the map. You can also get the information from the APRS booth located in spots 151-155..

If you haven't had to stop by Stan's site please do so now.

<http://www.tapr.org/~wallou/2001/2001.html>

Hope to see everyone there, if you have any questions just drop me a email.

--

73, James, K9APR

Chairman \ Coordinator

Tri-State APRS Working Group

<http://www.tawg.org>

Run a APRS Website? Why not join the APRS Webring.

<http://www.tawg.org/join.htm>

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])

by tapr.org (8.9.3/8.9.3/1.13) with SMTP id MAA29315

for <lyris.aprsnews@tapr.org>; Fri, 20 Apr 2001 12:24:25 -0500 (CDT)

Message-ID: <LYR839-8159-2001.04.20-12.41.25--

lyris.aprsnews@tapr.org>

Date: Fri, 20 Apr 2001 17:18:17 +0000

From: Dr Tom Clark <clark@aleph.gsfc.nasa.gov>

Organization: NASA/GSFC

X-Accept-Language: en,pdf

MIME-Version: 1.0

To: "APRS Announcements" <aprsnews@lists.tapr.org>
CC: amsat-dc@AMSAT.Org, garc-bb@garc-fs.gsfc.nasa.gov,
simsat@listserv.gsfc.nasa.gov, aprsnews@lists.tapr.org,
pat@patkilroy.com, aa3rr@arrl.net, bod@AMSAT.Org
Subject: [aprsnews] Re: [amsat-dc] AMSAT-DC "Official Record" and Photograph
References: <5.0.2.1.2.20010406154400.00a3a0d0@pop700.gsfc.nasa.gov>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <3AE06F59.D6BE31F2@aleph.gsfc.nasa.gov>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Pat Kilroy wrote:

>
> I just posted our "official" summary and a group photo from
> last Sunday afternoon's gathering on our AMSAT-DC web site:
>
> <http://simsat.gsfc.nasa.gov/ssamsatdc.html>
>

I had forgotten to post my "unofficial" pictures. They can be seen and
fetched from

<http://aleph.gsfc.nasa.gov/pub/AMSAT/index.htm>

To anticipate a few questions -- the camera is a 3+ megapixel Nikon 990.
In the darkened room some of the pictures were underexposed, but I leave
it up to you to do any editing you want on them. My file naming sequence
is yymmdd##.jpg so all the photos have names like 010401xx.jpg. The
"wierd" pictures were taken with a supplementary Nikon fish-eye lens.
AA3RR may enjoy the photo-op in 01040115.jpg

I have also included the PowerPoint version of my Curmudgeonly Clark's
Scaling Laws paper for those who requested. Click on the title slide in
the bottom row.

73, Tom

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id SAA10302
for <lyris.aprsnews@tapr.org>; Mon, 23 Apr 2001 18:49:16 -0500 (CDT)
Date: Mon, 23 Apr 2001 19:17:42 -0400
From: John Ackermann N8UR <jra@febo.com>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] PACK*BASH at the 2001 Dayton Hamvention
Message-ID: <LYR839-8784-2001.04.23-19.06.32--
lyris.aprsnews@tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit
Content-Disposition: inline
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <3697382.988053462@[192.168.1.26]>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

** ** *

Yes, there will be a PACK*BASH this year! Things were a bit uncertain for a while as we just learned that our traditional site would not be available this year. But we've found a very good alternative, and we invite you to attend the 2001 PACK*BASH.

If you'd like to attend, please contact the TAPR office as described below.

What?

An event for the digitally-inclined ham, featuring:

- * Buffet dinner
- * Keynote Address (Speaker to be named)
- * TAPR special interest group meetings
- * "Birds of a Feather" gatherings

When?

Friday evening, May 18, 2001

Doors open at 7:00 pm; dinner served at 7:30 pm

Speaker and meetings after dinner

Where?

*** NEW LOCATION ***

The NCR "Sugarcamp" facility that we've used in the past is no longer available. Instead, we'll be at Kohler's Banquet Center, 4548 Presidential Way, Kettering (39 40.75N, 84 08.43W), just south of East David Road between Far Hills Ave. and Wilmington Pike. Maps available on the TAPR web site (www.tapr.org) or at the TAPR booth.

How?

Dinner requires advance registration and payment through TAPR. Tickets will be available at the TAPR booth on Friday, though we strongly encourage registration <before> Hamvention. The cost is \$25.00 per person, tax and tip included.

All amateurs are welcome to attend, enjoy the speaker, and participate in the meetings, although only those purchasing a dinner can eat.

To register, contact:

PACK*BASH

c/o TAPR

8987-309 E. Tanque Verde Road #337

Tucson, AZ 85749-9399

Phone: (940) 383-0000

Fax: (940) 566-2544

Internet: tapr@tapr.org

Visa/Mastercard Accepted

Who?

PACK*BASH is co-sponsored by TAPR -- Tucson Amateur Packet Radio, the national leader in digital communication -- and the Miami Valley FM Association, Dayton's packet radio club.

For more information (including maps), go to <http://www.tapr.org/tapr/html/dayton.html>, or send email to tapr@tapr.org.

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From bounce-aprsnews-839@lists.tappr.org Thu Apr 26 09:31:48 2001
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id JAA11349
for <lyris.aprsnews@tappr.org>; Thu, 26 Apr 2001 09:31:47 -0500 (CDT)
Message-Id: <LYR839-9320-2001.04.26-09.49.03--
lyris.aprsnews#tappr.org@lists.tappr.org>
Subject: [aprsnews] Dayton Hamfest: APRS at the TAPR Digital Forum
Date: Thu, 26 Apr 2001 10:26:28 -0400
x-sender: sdimse@earthlink.net
From: Steve Dimse <k4hg@tappr.org>
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
X-Message-Id: <200104261426.HAA04969@harrier.mail.pas.earthlink.net>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

Once again I have been handed the utterly impossible task of covering all of APRS in 45 minutes within the TAPR Digital Forum on Friday. Without announcement I have already received four requests for time. In previous years, I tried to do a "What's New" sort of presentation myself, but this year I will let people speak for themselves...here are the ground rules:

1. Anyone that wants to talk should email me directly (k4hg@tappr.org) with a request, giving presenter's name, callsign, and topic. The deadline for requests will be 0000z on May 5th. NO EXCEPTIONS!
2. Given that the requests already total more than the allocated 45 minutes, time will be split evenly among all who request. If any presentations run short, there will be a general Q&A period afterwards. NO EXCEPTIONS!
3. Given the problems that usually occur when trying to connect laptops to the projector at presentations, no computers will be allowed. If you have something you want to show off, create a handout to be passed out prior to the presentation. NO EXCEPTIONS!
4. I will be very strict about time, I will notify the speakers in advance of the time per presentation. Time will start from when you are announced, not when you get to the front and start talking, so get there

early and sit in front if you want to maximize your time. I suggest you practice to get it all in within your allocated time. NO EXCEPTIONS!

5. No yielding of allocated time (I.e. don't bother getting 5 of your buddies to request time so you can talk longer). NO EXCEPTIONS!

6. If you ask for time, and then can't make it, please let me know as soon as possible so that I can adjust the schedule.

7. It would good to announce where you will be later in the day for questions, since there will be little if any time for questions to be fielded at the time.

Sorry for the rules, but this is hard enough to do in a 6 hour format at the DCC, 45 minutes is really tough.

I'd like a volunteer or two to help distribute handouts so we can minimize disruptions.

Steve K4HG

[Please forward this to any APRS-related lists I miss]

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From bounce-aprsnews-839@lists.tapr.org Fri May 4 09:14:35 2001
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id JAA25876
for <lyris.aprsnews@tapr.org>; Fri, 4 May 2001 09:14:33 -0500 (CDT)
X-Originating-IP: 206.57.3.210
X-URL: http://www.mail2web.com/
Subject: [aprsnews] 123 APRSers to descend on Dayton!
Sender: bounce-aprsnews-839@lists.tapr.org
From: "stanzepa@ct2.nai.net" <stanzepa@mail2.nai.net>
Date: Fri, 4 May 2001 10:14:40 -0400
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Reply-To: stanzepa@mail2.nai.net
X-Priority: 3
X-MSMail-Priority: Normal
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Message-Id: <LYR839-10786-2001.05.04-09.32.08--
lyris.aprsnews#tapr.org@lists.tapr.org>
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <200105041014159.SM00808@m2w065>
Precedence: bulk
Content-Transfer-Encoding: 8bit
X-MIME-Autoconverted: from Quoted-Printable to 8bit by tapr.org id JAA25876

Two weeks to go and the Who's Going To Dayton list on the 2001 Dayton APRS Web page (<http://www.tapr.org/~wallou/2001/2001.html>) has 123 entries. If you are APRSing to Dayton and are not on the list, let me know and I will add you. The page also lists all the APRS-related activities planned for Dayton, so check it out.

Mail2Web - Check your email from the web at
<http://www.mail2web.com/> .

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])

by tapr.org (8.9.3/8.9.3/1.13) with SMTP id GAA14232
for <lyris.aprsnews@tapr.org>; Wed, 9 May 2001 06:59:45 -0500 (CDT)
Message-ID: <LYR839-11803-2001.05.09-07.17.38--
lyris.aprsnews#tapr.org@lists.tapr.org>
From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] New APRS Forum at Dayton
Date: Wed, 9 May 2001 06:59:17 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="ISO-8859-1"
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <8204E40F8922D411A0C10008C7A42AC2235C6A@MRDNEXCH01>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

It's official... APRS has its own forum at the Dayton Hamvention. With less than two weeks to go, the Hamvention forum folks found an open slot in their schedule and let us have it. The APRS Forum will be held on Sunday, 9:45-11:15 AM, Room 2. As soon as I have the slate of speakers completed, I will post that information here.

Stan Horzepa, WA1LOU, APRS Forum moderator

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id SAA01565
for <lyris.aprsnews@tapr.org>; Wed, 9 May 2001 18:45:17 -0500 (CDT)
User-Agent: Microsoft-Entourage/9.0.2509
Date: Wed, 09 May 2001 19:44:01 +0000
Subject: [aprsnews] Dayton APRS Doings
From: Stan Horzepa <stanzepa@mail2.nai.net>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Message-ID: <LYR839-11895-2001.05.09-19.03.10--
lyris.aprsnews#tapr.org@lists.tapr.org>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <B71F4E80.4CCE%stanzepa@ct2.nai.net>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

I just finished updating 2001: Dayton APRS Odyssey Web page
(<http://www.tapr.org/~wallou/2001/2001.html>). Among other things, the update
includes full details about the new APRS Forum.

Stan, WA1LOU

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id OAA01041
for <lyris.aprsnews@tapr.org>; Thu, 10 May 2001 14:22:14 -0500 (CDT)
Mime-Version: 1.0
X-Sender: mcmusick@mail.anet-stl.com
Message-Id: <LYR839-12022-2001.05.10-14.40.10--
lyris.aprsnews@tapr.org>
Date: Thu, 10 May 2001 14:19:23 -0500
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: Mike Musick <mcmusick@anet-stl.com>
Subject: [aprsnews] pocketAPRS v1.15, New Map CD-ROM
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <p04310100b72093c0ea17@[207.206.136.132]>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

A new version of pocketAPRS (APRS for Palm OS Personal Digital
Assistants) has been uploaded to the TAPR FTP site. Fixed or changed
in v1.15:

- Removed debugging code inadvertently left from last time ("Mikey Alert")
- Moved MIC-E "status" text to comments field rather than status field
- Disable GPS handling unless user has specifically selected it
- Fixed a rare crash problem on station and message list screens
- Tighter filtering for GPS data (more crash prevention)

It is important to note that with this version if the GPS checkbox on the "pocketAPRS Settings" screen is off, GPS strings will be ignored completely and will not be seen in the raw packets display screen.

Download the new program from:

<ftp://ftp.tapr.org//aprssig/palmstuff/palmaprs/paprs115.zip>

New pocketAPRS Map CD

=====

I am tying a ribbon around the production process for a new CD-ROM containing pocketAPRS-format maps, with the intent of having them ready for Dayton next week. New with this CD are roughly 200 city maps generated from 1999 TIGER map data, which is considerably more current than the previous data sources used for pocketAPRS maps.

Also new on this CD and especially interesting to most pocketAPRS users are maps of WHOLE STATES. All of the "lower 48" are covered; Alaska and Hawaii have significant data problems in the original TIGER files and won't be ready in time for the CD.

All maps from last year's CD are included in their own folder for folks who still prefer using the USGS DLG-sourced maps. The pocketAPRS release described above is also on the CD.

Purchasers of the first CD ("v1.0") will get the updated version for free. Otherwise, \$15 for registered pocketAPRS users and \$20 for those not registered yet.

Hope to see many of you at Dayton in the Peet Bros./APRS booth!

...mike/N0QBF

--

pocketAPRS - APRS for the Palm Connected Organizer

Website: <http://www.pocketaprs.com>

FAQ: <http://www.pocketaprs.com/faq.html>

Application: <ftp://ftp.tapr.org//aprssig/palmstuff/palmaprs/pcktaprs.zip>

Map Files: <ftp://ftp.tapr.org//aprssig/palmstuff/palmmaps/>

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From bounce-aprsnews-839@lists.tapr.org Thu May 17 18:03:02 2001

Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])

by tapr.org (8.9.3/8.9.3/1.13) with SMTP id SAA24055

for <lyris.aprsnews@tapr.org>; Thu, 17 May 2001 18:03:01 -0500 (CDT)

Message-Id: <LYR839-13331-2001.05.17-18.21.18--

lyris.aprsnews@tapr.org>

Subject: [aprsnews] Dayton crunch on findU.com

Date: Wed, 16 May 2001 22:02:04 -0400

x-sender: sdimse@earthlink.net

From: Steve Dimse <k4hg@tapr.org>

To: "APRS Announcements" <aprsnews@lists.tapr.org>

Mime-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>

List-Software: Lyris Server version 3.0

List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>

List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>

X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>

X-Message-Id: <200105170202.TAA01233@snipe.mail.pas.earthlink.net>

Sender: bounce-aprsnews-839@lists.tapr.org

Precedence: bulk

I have a new cgi up on findU, it essentially combines the near table with the map page (which was available through a link) onto a single page. I'm not sure why I never thought to do this before, but it should be useful.

In particular, the following URL is a good way to check the action at Dayton:

<http://www.findu.com/cgi-bin/map-near.cgi?lat=39.821&lon=-84.255>

Steve K4HG (enroute to Dayton!)

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From bounce-aprsnews-839@lists.tappr.org Mon May 21 09:04:27 2001
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id JAA21680
for <lyris.aprsnews@tappr.org>; Mon, 21 May 2001 09:04:26 -0500 (CDT)
Message-ID: <LYR839-13842-2001.05.21-09.22.56--
lyris.aprsnews#tappr.org@lists.tappr.org>
From: "Henk de Groot" <henk.de.groot@hetnet.nl>
To: "APRS Announcements" <aprsnews@lists.tappr.org>
References: <LYR19749-6360-2001.04.11-20.03.49--
Henk.de.Groot#hetnet.nl@lists.tappr.org>
Subject: [aprsnews] DIGI_NED 0.2.8
Date: Sun, 20 May 2001 21:03:58 +0200
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
X-Priority: 3
X-MSMail-Priority: Normal
X-MimeOLE: Produced By Microsoft MimeOLE V5.50.4133.2400
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tappr.org>>
X-Message-Id: <003a01c0e15f\$c4858000\$8c204bd5@toshiba>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

Hello,

I released a new version of DIGI_NED, version 0.2.8.

If you don't know what DIGI_NED is, it is a dedicated digipeater, does not have a GUI but is very stable and good at its job (If you disagree, tell me what's wrong and I fix it...). It runs in DOS on cheap 286 class PC's (or better) and on Linux using all kind of modems, from cheap BayCom/BayPack and YAM modem to KISS TNC's and SCC cards. It can have up to 8 ports so can also act as a cross-band digipeater. The source is published under the GPL licence.

New function: send serial data. You can use DIGI_NED now for the transmission of data received from the serial port. Connect your GPS, weatherstation or direction-finder to DIGI_NED!

Furthermore, enhancements to the satellite tracker. As owner of the digi you can show which kepler data has been used for the creation of the satellite object.

It's now easier to deliver telemetry data to the LPT port, the timing gives you more time now. For the telemetry activities with APRS and DIGI_NED you can take a look at the DIGI_NED telemetry APRS temperature meter and the DIGI_NED interface (including a schematic diagram at:

http://www.online-club.de/~burkhard-john/aprs_thermometer/index.html

Also reachable via the DIGI_NED Techweb at the VrzApDxw/DIGI_NET site (http://www.qsl.net/digi_ned).

Besides that various small things, additions and fixes. Like for example the DX function which now also evaluates raw GPS positions and maidenhead grid squares.

As usual the version has been posted to the dutch packet network as DNEXE028.ZIP. This version and the source is available on the web via:

http://www.qsl.net/digi_ned

Here are the changes from the Changes.txt file:

Changes.txt

19-05-2001 version 0.2.8

- Doppelshift was added for the uplink instead of subtracted, changed now. Thanks to Alex, KG4ECV for reporting this
- A few output messages were missing a <CR>, resulting in wrong output of the activity on the digi_ned screen in DOS.
- When the digi_ned.tle file was empty a segmentation fault occurred. Fixed.
- Added new rule, "serial:". This enables you to connect a GPS, Ultimeter or other serial device to DIGI_NED. You can sent multiple sentences if you want. The format for the setting reads as follows:

```
serial: 10 all com3 4800 GPSODN,WIDE,WIDE3-3
$GPRMC $GPGGA
```

If the wanted type of sentence is not specified (empty line following the "serial:" rule) all the data on the serial input is accepted (if it doesn't fail the checksum). Note that DIGI_NED will only output the most recently read complete line in this case.

In the example serial data is send with an interval of 10 minutes to all ports. The data is read from COM3 (under Linux /dev/ttyS2) at 4800 baud in this case. Supported baudrates are 1200, 2400, 4800 and 9600 baud. The serial line uses hardware-flowcontrol on send an receive.

In DOS COM1 to COM4 can be used with the following mapping:

COM1 = IOA=0x3f8, IRQ=3

COM2 = IOA=0x2f8, IRQ=4

COM3 = IOA=0x3e8, IRQ=3

COM4 = IOA=0x2e8, IRQ=4

As usual the DOS restriction not to have active traffic on 2 COM ports using the same IRQ applies. The IOA and IRQ are fixed. I might add it if there is demand to have this configurable. In DOS only 1 serial port can be assigned at a time due to limitations in the used driver code.

In Linux COM1 to COM9 can be used with the following mapping:

COM1 uses /dev/ttyS0

COM2 uses /dev/ttyS1

COM3 uses /dev/ttyS2

COM4 uses /dev/ttyS3

...

COM9 uses /dev/ttyS8

If a checksum is present in the DATA, DIGI_NED will validate the sentence and ignore corrupted sentences. When no checksum is present data is used as is. The data is transmitted with the call DIGI_CALL (that's the call of this DIGI_NED) to the first call in the path given in the serial command. The next calls in the path of the serial command are the digis, in this case WIDE, WIDE3-3. The next line in the .ini file specifies the sentences to be picked up from the serial line for transmission. Multiple sentence types can be specified. All sentences are transmitted at the same time.

DIGI_CALL>GPSODN,WIDE,WIDE3-3:\$GPRMC<RMC sentence follows>

DIGI_CALL>GPSODN,WIDE,WIDE3-3:\$GPGGA<GGA sentence follows>

- The DX function now also decodes frames from dumb-trackers. Recognized GPS sentences are \$GPRMC, \$GPGGA and \$GPGLL.
- Fixed some typo's in "digi_ned.ini", thanks to Rolf, DK7IN, for reporting this.
- When not specifying the "message_file:" in digi_ned.ini a query causes a hangup or crash. I overlooked something in the code when the run time variable "%q" was added to the message file handling. Thanks to Rolf, DK7IN, for reporting this.
- The "d_relay.ini" file has now an accompanying "d_relay.mes" file with the bare basic subset of queries.
- A problem was found with bogus DX messages. These are caused by Kantronics digipeaters which leave at the end of WIDEn-N digipeating a WIDEn in the path without a "*" (H_FLAG) indication. If someone used a path like PE1DNN>APRS,WIDE3-3 the final packet looked like PE1DNN>APRS,WIDE3. Since no "*" is present DIGI_NED thought this was direct. Fixed now. It is however recommended to use a path like PE1DNN>APRS,WIDE,WIDE2-2 anyway since then the first station which picks up the packet will be identified.
- Sattracker enhancements. The Satellite object can now show the date or the epoch (daynumber) of the used kepler-sets. A new rule to control that is introduced, "sat_obj_format:". The number in this rule specifies the format of the sat-object:
0) Show as "A040 E" (where E is for the Elevation column)

- 1) Show as "A040 126E" (where 123 is the epoch of the used kepler data and E is for the Elevation column)
- 2) Show as "A040 0805" (where 0805 is the ddmm date of the used kepler data)
- 3) Show as "A040 0508" (where 0508 is the mmdd date of the used kepler data)

Default is 0, the standard digi_ned.ini file has value 2.

- Cleaning up parts of the Predict code, but that doesn't have functional impact. There could have been a potential problem for non-English language Linux users. I'm only running an English version here so I can't verify. Anyway, if that was the case then it has been eliminated now.
- The DX function now also decodes maidenhead grid-squares if this appears at the start of the data, enclosed in "[]".
- Relaxed time on multiplexing input. There is now at least 1ms time between changing the strobe output and actually reading the input.
- For telemetry the association of port numbers put on the 3 bit address lines of the control port can be overruled. For example to completely reverse the numbers, so the first value is read from address 5, the next from 4 etc, you can specify:
telemetry: 20 all lpt2_8/5,lpt2_8/4,lpt2_8/3,lpt2_8/2,lpt2_8/1,lpt2_8/0...
(path truncated to be able to fit the example on 1 line...)
The 3 bit address on the control port can take values 0..7.
- Added 2 sections to the FAQ in digi_ned.txt:
 - How to let digi_ned behave as Kantronics TNC
 - How to update the kepler data in the sattracker (note that this, and more, is also described in the sattracker documentation).

APRS[tm] is a Trademark of Bob Bruninga,
his home page is at "<http://web.usna.navy.mil/~bruninga/aprs.html>"

Kind regards,

Henk.

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From bounce-aprsnews-839@lists.tappr.org Fri Jun 1 19:50:45 2001
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id TAA12624
for <lyris.aprsnews@tappr.org>; Fri, 1 Jun 2001 19:50:44 -0500 (CDT)
Mime-Version: 1.0
X-Sender: mcmusick@mail.anet-stl.com
Message-Id: <LYR839-16197-2001.06.01-20.09.44--
lyris.aprsnews@tappr.org@lists.tappr.org>
Date: Fri, 1 Jun 2001 16:52:04 -0500
To: "APRS Announcements" <aprsnews@lists.tappr.org>
From: Mike Musick <mcmusick@anet-stl.com>
Subject: [aprsnews] pocketAPRS v1.16, New Wiring Info
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
X-Message-Id: <p04310100b73db8c6b39e@[207.206.136.144]>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

pocketAPRS v1.16 has been uploaded to the TAPR FTP site:

<ftp://ftp.tappr.org//aprsig/palmstuff/palmaprs/paprs116.zip>

This release has one very important fix of a bug introduced with v1.15. This bug fooled the program into thinking that the GPS was offline whenever it saw a \$GPGGA string, only to be put back online with the next \$GPRMC. In the worst case, if "full GPS alerts" was enabled, the toggling between the off and on states would eventually fill the alert buffer and crash the program. In the best case, manual initiation of position transmit would fail if the program was in the false offline state.

This bug primarily affected users of full TNC's (KPC-3 and Pico Packet) and anybody attempting to connect a GPS directly.

On a positive note, this fix of the fix has resulted in outstanding program stability, with no crashes of any kind reported during two weeks of testing.

IMPORTANT WIRING INFORMATION =====

Added to the pocketAPRS website wiring page,
<http://www.pocketaprs.com/wiring.html> , are helpful tips for two

previously poorly-documented needs:

Kenwood TM-D700 - with the capable assistance of John, K1DE, and Brad, N4PYI, it was discovered that using the Palm HotSync cable with the D700 needs two handshaking pins in the null modem connection. If you have had trouble getting pocketAPRS talking to the D700, this seems to solve the problem.

Agrelo DFjr Multi-Port Adapter - the Agrelo MPA was a handy port combiner for those lucky/unlucky folks with the DFjr. With this company long gone, folks wanting to acquire the MPA after the fact were out of luck. To solve this, the MPA has been reverse-engineered, and the wiring page has notes and a link to a PDF file with a full schematic.

Even if you have an MPA and don't need to roll your own, there are notes on the schematic which explain non-obvious connections and engineering flubs which frustrated many who tried to get the MPA to work and just couldn't.

...mike/N0QBF

--

pocketAPRS - APRS for the Palm Connected Organizer

Website: <http://www.pocketaprs.com>

FAQ: <http://www.pocketaprs.com/faq.html>

Application: <ftp://ftp.tapr.org//aprssig/palmstuff/palmaprs/pcktaprs.zip>

Map Files: <ftp://ftp.tapr.org//aprssig/palmstuff/palmmaps/>

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From bounce-aprsnews-839@lists.tapr.org Tue Jun 5 18:32:34 2001

Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])

by tapr.org (8.9.3/8.9.3/1.13) with SMTP id SAA15765

for <lyris.aprsnews@tapr.org>; Tue, 5 Jun 2001 18:32:29 -0500 (CDT)

Message-ID: <LYR839-16897-2001.06.05-18.51.37--

lyris.aprsnews@tapr.org>

From: "Henk de Groot" <henk.de.groot@hetnet.nl>

To: "APRS Announcements" <aprsnews@lists.tapr.org>

Subject: [aprsnews] DIGI_NED 0.3.0
Date: Tue, 5 Jun 2001 23:19:50 +0200
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
X-Priority: 3
X-MSMail-Priority: Normal
X-MimeOLE: Produced By Microsoft MimeOLE V5.50.4133.2400
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <000b01c0ee05\$67883200\$06214bd5@toshiba>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Newsgroups: ampr.org.de.aprs
Subject: DIGI_NED 0.3.0
Reply-To: pe1dnn@pi8apd.ampr.org
Followup-To:
Keywords:
Summary:

Hello,

I released a new version of DIGI_NED, version 0.3.0.
(Version 0.2.9. was an internal intermediate version for PI1APK,
<http://go.to/pi1apk>).

If you don't know what DIGI_NED is, it is a dedicated digipeater,
does not have a GUI but is very stable and good at its job (If
you disagree, tell me what's wrong and I fix it...). It runs in
DOS on cheap 286 class PC's (or better) and on Linux using all
kind of modems, from cheap BayCom/BayPack and YAM modem to KISS
TNC's and SCC cards. It can have up to 8 ports so can also act
as a cross-band digipeater. The source is published under the GPL
licence.

First some things about 0.2.9:

The changes for PI1APK were some small things, thinks that didn't quite
work as it was supposed to and to aid testing of different startup-
rulefiles. In the mean time some errors were discovered that popped up
when reading a rule-file containing syntax errors. No functional changes.

Version 0.3.0 contains all the changes of 0.2.9 and more.

Version 0.3.0 contains a chains which is handy for cross-band digis. The DX and MH functions were not very usable to handle the beacons of a neighbour-digipeater which transmits with the same call on both 2m and 70cm. The digi stored a call only once so a call was only available in either the 2m or the 70cm MH list (not both). This is a nuisance if you want to know what the digi does receive. Also the DX function did not work optimal for cross-band digis for this reason. Now the list is kept per port, so this problem is now something of the past. The DX query for a call assumes that one and the same call is used from 1 position, you only get one distance as response (the most recent). With MH <call> you get the data for each port on which the call was received directly.

On request of a user a "via_block:" rule was added. This block packets that were sent via a specific digi. With this you can block for example TCPIP or IGATE packets.

For telemetry a change was made in the port address that is put onto the control-lines. The LPT port hardware inverts 2 of the 3 address bits causing port 0 to appear as binary 101 on the control-port. Now the software inverts those 2 bits so address 0 appears as 000 binary.

For the telemetry activity (there is now a sample PCB shown!) with APRS and DIGI_NED look at:

http://www.online-club.de/~burkhard-john/aprs_interface/index.html
(German page, for the English page click on the union-jack at the lefthand side of the page)

This site is also reachable via the DIGI_NED Techweb on the VrzApDxw/DIGI_NET site (follow the hyperlink from http://www.qsl.net/digi_ned).

As usual the version has been posted to the dutch packet network as DNEXE030.ZIP. This version and the source are available on the web via:

http://www.qsl.net/digi_ned

Here are the changes from the Changes.txt file:

Changes.txt

03-06-2001 version 0.3.0

- Skipped version 0.2.9, this was a special intermediate update for the APRS digi at KootwijkRadio, see <http://go.to/pilapk>. Also used for other special versions, for example a test version for the telemetry interface work.
- Some of the 3 bit address used to multiplex the telemetry ports are inverted by the LPT port hardware. These are the "Auto Linefeed"

and the "Select Printer" lines. Now these lines are inverted by hardware so address 0 appears as binary 000 on the output.

- Changed the Mheard and DX function a bit. Now calls are kept per port. For DX it is assumed that the same call is also at the same location. For MH <call> a response is given for every port where the call is heard. The effect of this is change is not visible if you have a single port station, but it is more or less essential to make the DX and MH function work on a cross-band digipeater. Individual stations appear normally only direct on one QRG, but neighbor cross-band digis will appear on more ports. Up to now the digi kept the call only once, so you could only see the last reception.
- New rule: "via_block:" to block packets that went via a specific digipeater. This can be used to block TCPIP or IGATE traffic. Added on request by a user.
- Size of the "mheard_list:" extended, a size of 100 direct stations is not sufficient for a wide digi. Each entry costs approximately $4 + 10 + 4 + 2 + 4 + 2 + \text{overhead (8 bytes?)}$ = 34 bytes. So 100 entries is about 3400 bytes. Changed to 150 entries, 5100 bytes. Now we also have some room for double calls that arrive through multiple calls. Of course you can adjust this to your own needs, I just changed the default and checked if it does not consume too much under DOS. Note that still only the last 40 calls are shown due to the "mheard_show:" rule.

25-05-2001 version 0.2.9

- When digi_pos: or digi_pos_file: is specified, but the satellite stuff is not then DIGI_NED still complained about the missing satellite database -> small error in my satellite switch-on detection logic, fixed.
- Added defines in the Makefile and Turbo-C++ project file. This makes it easier to leave out parts of DIGI_NED when you want to build the executable yourself from the source. This also makes it easier to port the software to other platforms.
- Now you can execute the "?exit" query via the keyboard, this was requested to make debugging of startup .bat files simpler. Different exit codes can be used to select what to start next after DIGI_NED terminated (an example can be found in the sample "run.bat" file). This was already possible on-air (when enabled) but new is the ability to do the same from the keyboard.
- When using the "exit" query in Linux the terminal could be left in an undesired state. Fixed.
- An interval of 0 on the telemetry command (used to be able to query telemetry but never transmit its data automatically) did not work since value 0 was not accepted as input. Fixed.
- The destination call on "telemetry:" is optional, however leaving it out gave a memory violation. Fixed.
- There were still some debugging messages in serial.c, removed now.

APRS[tm] is a Trademark of Bob Bruninga,

his home page is at "<http://web.usna.navy.mil/~bruninga/aprs.html>"

Kind regards,

Henk.

--

The difference between theory and practice in practice is bigger than the
difference between theory and practice in theory.

Henk de Groot		Apeldoorn, The Netherlands, J032AF
PE1DNN@PI8APD.#GLD.NLD.EU		NOKIA-ATF2, YAM Modem, Linux RedHat 5.2

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From bounce-aprsnews-839@lists.tappr.org Sun Jul 1 16:42:39 2001
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id QAA24922
for <lyris.aprsnews@tappr.org>; Sun, 1 Jul 2001 16:42:38 -0500 (CDT)
X-Apparently-From: <kd5ckp@yahoo.com>
Message-ID: <LYR839-21642-2001.07.01-17.02.58--
lyris.aprsnews#tappr.org@lists.tappr.org>
From: "Tim Billingsley KD5CKP" <kd5ckp@yahoo.com>
To: "APRS Announcements" <aprsnews@lists.tappr.org>
References: <LYR19127-13331-2001.05.17-18.21.18--kd5ckp#yahoo.com@lists.tappr.org>
Subject: [aprsnews] Re: Dayton crunch on findU.com
Date: Thu, 17 May 2001 18:20:45 -0500
Organization: <http://www.qsl.net/nmecc/>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
X-Priority: 3
X-MSMail-Priority: Normal
X-MimeOLE: Produced By Microsoft MimeOLE V5.00.2919.6600
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tappr.org>>
X-Message-Id: <000901c0df28\$017b0820\$17562126@kd5ckpp2>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

OK maybe my junk is broken, but I get no images just the table.....

----- Original Message -----

From: "Steve Dimse" <k4hg@tappr.org>
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Sent: Wednesday, May 16, 2001 9:02 PM
Subject: [aprsnews] Dayton crunch on findU.com

> I have a new cgi up on findU, it essentially combines the near
table with
> the map page (which was available through a link) onto a single
page. I'm
> not sure why I never thought to do this before, but it should be
useful.
>
> In particular, the following URL is a good way to check the action
at
> Dayton:

>
> <http://www.findu.com/cgi-bin/map-near.cgi?lat=39.821&lon=-84.255>
>
> Steve K4HG (enroute to Dayton!)
>
>
> ---
> You are currently subscribed to aprsnews as: kd5ckp@yahoo.com
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leave-aprsnews-839E@lists.tappr.org
> Questions regarding the SIG go to the SIG administrator:
wallou@tappr.org

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Questions regarding the SIG go to the SIG administrator: wallou@tappr.org

From bounce-aprsnews-839@lists.tappr.org Sun Jul 1 16:43:19 2001
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id QAA25213
for <lyris.aprsnews@tappr.org>; Sun, 1 Jul 2001 16:43:18 -0500 (CDT)
From: rwf@bsrg.org
Message-Id: <LYR839-21643-2001.07.01-17.03.01--
lyris.aprsnews@tappr.org@lists.tappr.org>
X-Sender: rwf@mail.mindspring.com
Date: Sun, 01 Jul 2001 11:28:39 -0400
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Subject: [aprsnews] Announcement - Digipeater Owners list move
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tappr.org>>

X-Message-Id: <5.0.2.1.2.20010701112649.01afd4c0@mail.mindspring.com>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Due to the traffic on the regular lists, some digipeater owners may only monitor this Announcement list.
Therefore it is necessary to notify you here of a major change in the list that all digipeater owners should belong to.

The digiowners list has been around for a few years, but has not seen a lot of activity in the past year.

The original host domain for it is gone, so I have moved the list (as well as its archives) to a new host site.

If you were on the list, you have already been notified of the change by an email from the list.

If you are a digi owner, and wish to sign up, just send a blank Email message to the following address:

digiowners-subscribe@yahoogroups.com

Thanks

Ralph Fowler N4NEQ
Digiowners list owner

You are currently subscribed to aprsnews as: lyris.aprsnews@tapr.org
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wallou@tapr.org

From bounce-aprsnews-839@lists.tapr.org Wed Jul 4 20:05:17 2001
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id UAA08240
for <lyris.aprsnews@tapr.org>; Wed, 4 Jul 2001 20:05:16 -0500 (CDT)
Date: Wed, 04 Jul 2001 18:25:44 -0400
From: "John R. Ackermann" <jra@febo.com>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] TAPR Offices Moving; Short Closure and New Phone Numbers
Message-ID: <LYR839-22251-2001.07.04-20.25.49--
lyris.aprsnews@tapr.org>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit
Content-Disposition: inline
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <115561989.994271144@[192.168.1.26]>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

The TAPR offices will be moving a few miles from Denton to Richardson, Texas. We'll be closing on July 26 for the move and re-opening on August 6. The Tucson mailing address will remain the same (it is a maildrop that forwards to the real office address) but the phone numbers will change. Effective August 6, they will be:

Voice: 972-671-TAPR (8277)
FAX: 972-671-8716

The office email address -- tapr@tapr.org -- will not change.

The move is occurring because Dorothy Jones, KA5DWR, our longtime Office Manager, has decided to take a well-earned retirement. It would take a lot of words to fully describe how much Dorothy has done for TAPR, and how much we've all relied on her over the years, so I'll just say "Thanks!"

Our new office manager is Laura Koster (XYL of Board member John Koster, W9DDD). Laura had a baptism of fire by handling the TAPR booth at the Dayton Hamvention this year, and she did a great job. We're very happy to have her on board, and we're sure that she will carry on Dorothy's goal of providing great service to our members.

73,
John Ackermann N8UR
President, TAPR
jra@febo.com -- n8ur@tapr.org

You are currently subscribed to aprsnews as: lyris.aprsnews@tapr.org
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wallou@tapr.org

From bounce-aprsnews-839@lists.tapr.org Mon Aug 13 20:42:23 2001
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id UAA28639
for <lyris.aprsnews@tapr.org>; Mon, 13 Aug 2001 20:42:22 -0500 (CDT)
X-Sent: 13 Aug 2001 23:15:06 GMT
Subject: [aprsnews] DCC Time!
Date: Mon, 13 Aug 2001 19:14:58 -0400
x-sender: sdimse@mail.telocity.com
From: Steve Dimse <k4hg@tapr.org>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Sender: bounce-aprsnews-839@lists.tapr.org
Message-Id: <LYR839-29821-2001.08.13-21.04.40--
lyris.aprsnews#tapr.org@lists.tapr.org>
Precedence: bulk

It is time to be thinking about the 20th Digital Communications Conference, which is only 2 months away. It will be held September 21-23, 2001 near Cincinnati, Ohio. Full details are available at:

<http://www.tapr.org/dcc/>

This year, the 5th annual APRS seminar will be expanded to 10 hours, from 9AM until 7PM on Friday September 21. This will allow for more topics to be covered in greater depth, not to mention longer breaks to allow for more hallway discussion!

The presentations are open to all, please submit your name, call, title, short summary, and requested length to me (k4hg@tapr.org). I need to know by August 26, 2001, you only have two weeks, so don't delay in contacting me!

Everyone with something to say about APRS is encouraged to speak, there is no better national forum to present your APRS related hardware, software, success stories, or ideas for the future.

Everyone with an interest in APRS is encouraged to attend. With the expanded format and a central location, we expect this to be the best APRS Symposium ever...and the other four were great!

Steve K4HG

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To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wallou@tapr.org

From bounce-aprsnews-839@lists.tapr.org Tue Aug 21 09:41:01 2001
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id JAA27989
for <lyris.aprsnews@tapr.org>; Tue, 21 Aug 2001 09:40:57 -0500 (CDT)
Message-Id: <LYR839-31127-2001.08.21-10.03.47--
lyris.aprsnews@tapr.org>
Subject: [aprsnews] Five Days Left...
Date: Tue, 21 Aug 2001 07:17:57 -0400
x-sender: sdimse@earthlink.net
From: Steve Dimse <k4hg@tapr.org>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <200108211117.EAA04876@falcon.mail.pas.earthlink.net>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Please forward to all APRS-related lists!

Only 5 days left to notify me if you want to speak at the 5th Annual APRS Symposium at DCC!

So far the topics are (in the order received, presentation order TBA):

APRN John Blowsky KB2SCS
TinyTrak II Byon Garrabrant N6BG
APRS, Hollywood, and the 2000 Olympics Darryl Smith VK2TDS
EasyTrak and EasyTrak Jr. Steve Bible N7HPR
HamHUD Steve Bragg KA9MVA
Embedded Linux GPS tracker and AVL unit Jeff King WB8WKA
findu.com Steve Dimse K4HG

If you are not on this list, you are not presenting, unless there happens to be time left over at the end...

Steve K4HG

-----Original Announcement with the gory details-----

It is time to be thinking about the 20th Digital Communications Conference, which is only 2 months away. It will be held September 21-23, 2001 near Cincinnati, Ohio. Full details are available at:

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This year, the 5th annual APRS seminar will be expanded to 10 hours, from 9AM until 7PM on Friday September 21. This will allow for more topics to be covered in greater depth, not to mention longer breaks to allow for more hallway discussion!

The presentations are open to all, please submit your name, call, title, short summary, and requested length to me (k4hg@tapr.org). I need to know by August 26, 2001, you only have two weeks, so don't delay in contacting me!

Everyone with something to say about APRS is encouraged to speak, there is no better national forum to present your APRS related hardware, software, success stories, or ideas for the future.

Everyone with an interest in APRS is encouraged to attend. With the expanded format and a central location, we expect this to be the best APRS Symposium ever...and the other four were great!

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To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wallou@tapr.org

From bounce-aprsnews-839@lists.tapr.org Sun Aug 26 16:49:28 2001
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id QAA27051
for <lyris.aprsnews@tapr.org>; Sun, 26 Aug 2001 16:49:28 -0500 (CDT)
X-Sent: 26 Aug 2001 19:14:46 GMT
Subject: [aprsnews] Fwd: Last chance!!!!
Date: Sun, 26 Aug 2001 15:14:45 -0400
x-sender: sdimse@mail.telocity.com
From: Steve Dimse <k4hg@tapr.org>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>

Sender: bounce-aprsnews-839@lists.tapr.org
Message-Id: <LYR839-32313-2001.08.26-17.01.29--
lyris.aprsnews#tapr.org@lists.tapr.org>
Precedence: bulk

Please forward to all APRS-related lists!

Only 1 day left to notify me if you want to speak at the 5th Annual APRS Symposium at DCC! Again, anyone is welcome to present on any APRS related topic, all you have to do is ask.

So far the topics are (in the order received, presentation order TBA):

APRN John Blowsky KB2SCS
TinyTrak II Byon Garrabrant N6BG
APRS, Hollywood, and the 2000 Olympics Darryl Smith VK2TDS
EasyTrak and EasyTrak Jr. Steve Bible N7HPR
HamHUD Steve Bragg KA9MVA
Embedded Linux GPS tracker and AVL unit Jeff King WB8WKA
findu.com Steve Dimse K4HG
PCSat and other APRS satellites Bob Bruninga
pocketAPRS Update, The Incredible Shrinking Tracker Mike Musick N0QBF

If you are not on this list by tomorrow, you are not presenting, unless there happens to be time left over at the end...

Steve K4HG

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Questions regarding the SIG go to the SIG administrator: wallou@tapr.org

From bounce-aprsnews-839@lists.tapr.org Tue Aug 28 12:12:16 2001
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id MAA07817
for <lyris.aprsnews@tapr.org>; Tue, 28 Aug 2001 12:12:14 -0500 (CDT)
X-Sent: 28 Aug 2001 01:38:38 GMT
Subject: [aprsnews] APRS Internet System Statistics
Date: Mon, 27 Aug 2001 21:38:38 -0400
x-sender: sdimse@mail.telocity.com
From: Steve Dimse <k4hg@tapr.org>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Sender: bounce-aprsnews-839@lists.tapr.org
Message-Id: <LYR839-32883-2001.08.28-12.35.20--
lyris.aprsnews@tapr.org>
Precedence: bulk

I've been running stats on the APRS Internet System, as captured by findu.com. The database has every packet it has heard since March 27, 2000, and I've run them all through counters to measure activity in the APRS IS.

<http://www.findu.com/cgi-bin/stat1.cgi>

This uses the generated data to create tables of daily and monthly activity, and to display a graph of activity over this time period. I still need to create the batch files to run the stats automatically, so the page may not always be up to date.

Nothing earthshaking, but interesting to see that traffic has doubled in the last year.

Steve K4HG

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From bounce-aprsnews-839@lists.tappr.org Thu Sep 6 19:24:55 2001
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id TAA24630
for <lyris.aprsnews@tappr.org>; Thu, 6 Sep 2001 19:24:54 -0500 (CDT)
Message-Id: <LYR839-34584-2001.09.06-19.48.31--
lyris.aprsnews@tappr.org@lists.tappr.org>
Subject: [aprsnews] findu.com problems...
Date: Thu, 6 Sep 2001 19:29:53 -0400
x-sender: sdimse@earthlink.net
From: Steve Dimse <k4hg@tappr.org>
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
X-Message-Id: <200109062329.QAA25985@scaup.mail.pas.earthlink.net>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

The power is out at my Miami house due to a transformer fire...first time since 3/00 when findu went live that the 1 hr run time of the UPS was exceeded. I redirected www.findu.com to www.aprs.net, which generally mirrors the other computer. Some things don't work though, most specifically the new radar and breadcrumb features.

FPL is working now, the current estimate is 2 hours for power to return, shortly thereafter findu should return to normal.

Steve K4HG

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To unsubscribe send a blank email to leave-aprsnews-839E@lists.tappr.org
Questions regarding the SIG go to the SIG administrator: wallou@tappr.org

From bounce-aprsnews-839@lists.tappr.org Fri Sep 7 12:35:39 2001
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id MAA15858
for <lyris.aprsnews@tappr.org>; Fri, 7 Sep 2001 12:35:35 -0500 (CDT)
Date: Fri, 07 Sep 2001 12:50:15 -0400
From: John Ackermann N8UR <jra@febo.com>
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Subject: [aprsnews] DCC: Last chance for registration discount, and updated

program info

Message-ID: <LYR839-34747-2001.09.07-12.59.09--

lyris.aprsnews#tapr.org@lists.tapr.org>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii; format=flowed

Content-Transfer-Encoding: 7bit

Content-Disposition: inline

List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>

List-Software: Lyris Server version 3.0

List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>

List-Owner: <mailto:owner-aprsnews@lists.tapr.org>

X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>

X-Message-Id: <17339913.999867015@WUSJA129861-8HP>

Sender: bounce-aprsnews-839@lists.tapr.org

Precedence: bulk

The early registration discount for both the hotel room rate, and the registration fee, expires on September 10, so you only have a couple more days to get your reservations and registration made at the lowest price. Registrations at the normal price will be available and at the door (of course, hotel rooms will be subject to availability).

The DCC begins on Friday, September 20 and runs through Sunday, September 22. Full details are available at <http://www.tapr.org/tapr/html/Fdcccconf.html>.

A couple of updates on the program:

1. We're very happy that Anthony R. Curtis, Ph.D, K3RXK, will be our speaker at the DCC banquet. Tony's presentation will be titled "40 Years of Amateur Radio In Space: Where We've Been, Where We Are, and Where We're Going."

2. We've confirmed that the Packet Radio Users Group (PRUG) of Tokyo, Japan will be sponsoring a reception and talking about their latest activities Friday evening. PRUG is really on the cutting edge of digital radio, and their presentations are always fascinating.

3. We are also fortunate to have three great activities that focus on the hardware and soldering-iron side of amateur radio:

* On Saturday, Jay Craswell, W0VNE, will do an introductory program on using CirCAD, a powerful schematic drawing/PCB layout program that's available (in a slightly limited form) for ham use at no cost.

* Also on Saturday, Ten-Tec's Gary Barbour, AC4DL, will be talking about

Software

Defined Radio development at Ten-Tec.

* Our "Sunday Seminar" will feature Dave Newkirk, W9VES, providing a tutorial on using the Serenade SV RF design software; this is another professional package with a free version available for ham use.

We hope to see you there!

John N8UR

President, TAPR

jra@febo.com -- n8ur@tapr.org

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To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wallou@tapr.org

From bounce-aprsnews-839@lists.tapr.org Sun Sep 9 08:38:41 2001
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id IAA03548
for <lyris.aprsnews@tapr.org>; Sun, 9 Sep 2001 08:38:40 -0500 (CDT)
Date: Sat, 08 Sep 2001 20:22:57 -0400
From: "John R. Ackermann" <jra@febo.com>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: mvarbb@febo.com, tawg-list@tawg.org
Subject: [aprsnews] Correction to DCC Post
Message-ID: <LYR839-35084-2001.09.09-09.01.53--
lyris.aprsnews@tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit
Content-Disposition: inline
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <83158645.999980577@[192.168.1.235]>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

In a previous email I incorrectly stated that the Circad schematic drawing and PCB layout program is available for Ham use at no cost. I

misunderstood the relationship of the various versions.

There is a highly discounted version of the \$995 Circad program available at \$295. This \$295 version is available to Licensed Ham/Amateur Radio Operators only. Check out <http://dover.5u.com/> for more info on the Ham Discount.

There is a demo version of Circad downloadable at <http://www.holophase.com>; although that version can be used to draw small schematics and PCBs, it's not a replacement for the full program.

I want to apologize to Holophase and to Jay Craswell for improperly describing the versions of Circad, and to you for any confusion this may have caused.

73,
John N8UR
President, TAPR
jra@febo.com -- n8ur@tapr.org

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Questions regarding the SIG go to the SIG administrator: wallou@tapr.org

From bounce-aprsnews-839@lists.tapr.org Sun Sep 9 11:01:22 2001
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id LAA15865
for <lyris.aprsnews@tapr.org>; Sun, 9 Sep 2001 11:01:19 -0500 (CDT)
X-Sent: 9 Sep 2001 15:34:20 GMT
Subject: [aprsnews] findU Event Page
Date: Sun, 9 Sep 2001 11:34:20 -0400
x-sender: sdimse@mail.telocity.com
From: Steve Dimse <k4hg@tapr.org>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Sender: bounce-aprsnews-839@lists.tapr.org
Message-Id: <LYR839-35129-2001.09.09-11.25.04--
lyris.aprsnews@tapr.org>
Precedence: bulk

Please forward to all APRS related lists...

How many of you know findU is used for balloon races, sailboats in the Northwest Passage, or high-tech trimarans sailing the rivers of the US?

I realized that many people miss out on watching special events on findU because they never know they exist. I've created a page to rectify that situation.

<http://www.findu.com/event.html>

Send me your events and I'll add them to the page, advanced notice greatly preferred! Check the page often for upcoming events...

BTW, the balloon race isn't on there because it is over, you can see the page at:

<http://www.findu.com/cgi-bin/cagb.cgi>

Steve K4HG

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To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wallou@tapr.org

From bounce-aprsnews-839@lists.tapr.org Mon Sep 10 18:56:58 2001
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id SAA15706
for <lyris.aprsnews@tapr.org>; Mon, 10 Sep 2001 18:56:57 -0500 (CDT)
X-Sent: 10 Sep 2001 22:17:50 GMT
Subject: [aprsnews] aprs.net down
Date: Mon, 10 Sep 2001 18:17:50 -0400
x-sender: sdimse@mail.telocity.com
From: Steve Dimse <k4hg@tapr.org>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Mime-Version: 1.0
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lyris.aprsnews@tapr.org>
Precedence: bulk

They installed a new firewall at the museum today, and forgot to open ports for aprs.net. The situation should be fixed tomorrow morning, but no aprs.net tonight...

Steve K4HG

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for <lyris.aprsnews@tapr.org>; Thu, 13 Sep 2001 19:39:33 -0500 (CDT)
Date: Thu, 13 Sep 2001 17:24:05 -0400
From: John Ackermann N8UR <jra@febo.com>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] Digital Communications Conference Still On
Message-ID: <LYR839-35969-2001.09.13-20.03.24--
lyris.aprsnews@tapr.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit
Content-Disposition: inline
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
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List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <34153349.1000401844@WUSJA129861-8HP>
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Precedence: bulk

With the tragic events of this week, we've had to seriously consider whether it was still appropriate or feasible to hold the Digital Communications Conference next weekend (Sept. 20-22) in Cincinnati. Although we grieve with the whole world for the losses so many have suffered, we believe it's important to show that terrorism will not succeed in making us change our way of life.

So, the DCC will go on. We realize that in light of the circumstances, some folks who have already registered may feel they cannot attend. If that is the case, please contact the TAPR office (tapr@tapr.org) and we will arrange a refund of your registration fee. If you are traveling to the DCC, remember that things may still be somewhat disrupted next week,

and increased security precautions will certainly cause some airport delays. Check with your airline early and often to make sure they haven't changed your plans for you.

We realize that this year's DCC may well be smaller, and will certainly be more somber, than in past years. But we think that going ahead is the right thing to do, and we hope that you agree.

73,
John

John Ackermann	N8UR	jra@febo.com	http://www.febo.com
President, TAPR		n8ur@tapr.org	http://www.tapr.org

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id MAA02847
for <lyris.aprsnews@tapr.org>; Fri, 14 Sep 2001 12:10:15 -0500 (CDT)
Message-Id: <LYR839-36132-2001.09.14-12.34.09--
lyris.aprsnews@tapr.org>
Subject: [aprsnews] findU and TS Gabrielle
Date: Fri, 14 Sep 2001 12:38:21 -0400
x-sender: sdimse@earthlink.net
From: Steve Dimse <k4hg@tapr.org>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <200109141638.JAA28968@hawk.mail.pas.earthlink.net>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Tropical Storm Gabrielle is passing over central Florida, an area with a lot of APRS weather stations, lots of interesting graphs from findU, here's one that pegged the windspeed graph:

<http://www.findu.com/cgi-bin/wxpage.cgi?WB4PBF-2>

Guess I need to work on some scaling functions, and increasing the scale numbers!

Or use the wxnear function to go through them all:

<http://www.findu.com/cgi-bin/wxnear.cgi?call=WB4PBF-2>

Steve K4HG

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for <lyris.aprsnews@tapr.org>; Sun, 16 Sep 2001 17:06:48 -0500 (CDT)
Date: Sun, 16 Sep 2001 14:39:44 -0400
From: "John R. Ackermann" <jra@febo.com>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] APRS at the DCC -- Friday Schedule
Message-ID: <LYR839-36498-2001.09.16-17.30.50--
lyris.aprsnews@tapr.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit
Content-Disposition: inline
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <753765337.1000651184@[192.168.1.235]>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

We're looking forward to the APRS "Friday Forum" at the Digital Communications Conference in Cincinnati. Due to the events of last week, we've had some speakers cancel and have decided to start the Forum at 1:00 Friday afternoon rather than in the morning. Here's the tentative schedule (order, time and length of presentations are still subject to change):

1:00 - 1:15 Welcome and Introduction -- Steve Dimse, K4HG
1:15 - 1:20 TinyTrak II -- Byon Garraabrant, N6BG
1:20 - 2:00 EasyTrack/EasyTrak Jr. -- Steve Bible, N7HPR

2:00 - 2:30 The Incredible Shrinking Tracker -- Mike Musick, N0QBF
2:00 - 2:30 Embedded Linux GPS tracker and AVL Unit -- Jeff King, WB8WKA
2:30 - 3:00 Break
3:00 - 3:30 FindU and Other Things Internet -- Steve Dimse, K4HG
3:30 - 3:45 WinCE-APRS -- Rob Wittner, KZ5RW
3:45 - 4:00 PocketAPRS Update -- Mike Musick, N0QBF
4:00 - 4:30 APRS Internet Connections 101 -- Bill Diaz, KC9XG

It'll be a great program!

On Friday evening, the Packet Radio Users Group of Tokyo, Japan will be sponsoring a hospitality room, and although travel difficulties prevent any PRUG membes from being there "live", we will be presenting their program about the latest digital radio activities in Japan, so if you're coming for the APRS program, please plan to stay for what promises to be an interesting evening event.

You can still register for the DCC by contacting the TAPR office through Wednesday. You can also register at the door on Friday.

For more details about the DCC, check
<http://www.tapr.org/tapr/html/Fdccconf.html>.

73,
John N8UR

PS -- We plan to have an APRS object for the DCC location up by late Thursday to help you navigate.

John Ackermann N8UR jra@febo.com <http://www.febo.com>
President, TAPR n8ur@tapr.org <http://www.tapr.org>

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for <lyris.aprsnews@tapr.org>; Tue, 18 Sep 2001 18:52:31 -0500 (CDT)
Date: Tue, 18 Sep 2001 19:09:47 -0400
From: "John R. Ackermann" <jra@febo.com>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] APRS Working Group Adds Members
Message-ID: <LYR839-37038-2001.09.18-19.16.35-->

lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit
Content-Disposition: inline
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <942767748.1000840187@[192.168.1.235]>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

The APRS Working Group is pleased to announce that Bill Diaz, KC9XG, and Roger Barker, G4IDE, have joined the WG effective immediately.

Bill is the author of the A-Filter software and has been actively involved in discussions around the APRS Internet specification. Roger is the author of UI-view and brings a valuable international perspective to the WG.

We're excited to have them in the Working Group, and look forward to the value they will add to the APRS standards process.

For the APRS Working Group,

John N8UR
Administrative Chair
jra@febo.com -- n8ur@tapr.org

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by tapr.org (8.9.3/8.9.3/1.13) with SMTP id SAA27576
for <lyris.aprsnews@tapr.org>; Tue, 18 Sep 2001 18:52:52 -0500 (CDT)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Tue, 18 Sep 2001 16:40:15 -0400 (EDT)
From: Bob Bruninga <bruninga@usna.edu>
X-X-Sender: <bruninga@arctic>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] PCsat Launch still go 0100z 22 Sept
Message-ID: <LYR839-37039-2001.09.18-19.16.50--
lyris.aprsnews#tapr.org@lists.tapr.org>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
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List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <Pine.GS0.4.33.0109181639320.2629-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Launch:

The Launch of Kodiak Star with PCsat, Starshine, and Sapphire Amateur Satellites is still go for 0100z on 22 Sept (2100 EDT on the 21st). Launch will be carried on NASA Select TV. For more details, see the PCsat web Page below...

Our Launch team now has flights leaving Annapolis on Wed the 19th. If they make it to Kodiak then I think we can be comfortable with this launch schedule. I will post any further details on Thrusday (20th) as everyone arrives in Alaska.

If launch is successful, telemetry will be receivable about 70 minutes after launch. User access should not be expected for 2 weeks while on-orbit checkout is accomplished. Pre-launch KEPS are on the web page.

de WB4APR@amsat.org, Bob

PCsat <http://www.ew.usna.edu/~bruninga/pcsat.html>
CUBESATs <http://www.ew.usna.edu/~bruninga/cubesat.html>
APRS SATS <http://www.ew.usna.edu/~bruninga/astars.html>

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for <lyris.aprsnews@tapr.org>; Tue, 18 Sep 2001 18:53:10 -0500 (CDT)
Date: Tue, 18 Sep 2001 19:32:34 -0400
From: "John R. Ackermann" <jra@febo.com>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] Digital Communications Conference -- Final Update
Message-ID: <LYR839-37040-2001.09.18-19.17.14--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit
Content-Disposition: inline
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <944134874.1000841554@[192.168.1.235]>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Well, the Digital Communications Conference is only a few days away. If you can make your way to Cincinnati, Ohio this weekend (Sept. 21-22) we invite you to attend the show -- registration is available at the door. Full details, including the current schedule, are available at <http://www.tapr.org/dcc>.

Here's a brief rundown; note that due to the tragic events of last week, we've had to make some adjustments to the schedule.

Friday:

Registration Opens	9:00AM
APRS Forum	1:00 - 6:00PM (The morning part of the Forum has been cancelled.)
PRUG Social activities	7:00PM (Come enjoy the hospitality and see the latest of the Packet Radio Users Group of Tokyo, Japan.)

Saturday:

Registration Opens	7:15AM
Main Program	8:00AM - 5:00PM (There will be a mix of introductory sessions on new aspects of digital communication, as well as more

advanced topics. We think there'll be something
for everyone.)

TAPR Membership Meeting 5:00PM

Banquet 7:00PM

Amateur (Anthony Curtis, K3RXK will speak on "40 Years of
Radio in Space.")

NOTE: We've regretfully had to cancel the Sunday Seminar. If you
registered for it, please stop at the registration area or contact TAPR to
arrange a refund.

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by tapr.org (8.9.3/8.9.3/1.13) with SMTP id NAA12534
for <lyris.aprsnews@tapr.org>; Wed, 3 Oct 2001 13:26:40 -0500 (CDT)
Message-ID: <LYR839-40074-2001.10.03-13.51.29--
lyris.aprsnews#tapr.org@lists.tapr.org>
From: "Henk de Groot" <henk.de.groot@hetnet.nl>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
References: <LYR19749-37040-2001.09.18-19.17.14--
Henk.de.Groot#hetnet.nl@lists.tapr.org>
Subject: [aprsnews] DIGI_NED 0.3.1
Date: Wed, 3 Oct 2001 20:24:14 +0200
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
X-Priority: 3
X-MSMail-Priority: Normal
X-MimeOLE: Produced By Microsoft MimeOLE V5.50.4133.2400
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List-Software: Lyris Server version 3.0
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X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <000701c14c38\$a337b0a0\$fe204bd5@toshiba>
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Hello,

I released a new version of DIGI_NED, version 0.3.1.

If you don't know what DIGI_NED is, it is a dedicated digipeater, does not have a GUI but is very stable and good at its job (If you disagree, tell me what's wrong and I fix it...). It runs in DOS on cheap 286 class PC's (or better) and on Linux using all kind of modems, from cheap BayCom/BayPack and YAM modem to KISS TNC's and SCC cards. It can have up to 8 ports so can also act as a cross-band digipeater. The source is published under the GPL licence.

First off all there is now an OWNER manual in HTML. This will become THE documentation for DIGI_NED.

Version 0.3.1 adds support for home-brew WX hardware, connected via the telemetry interface on the LPT port. It add variables that can be associated with a telemetry port and the ability to create formatted output using these variables which can be send as WX report.

Due to the flexibility also a lot of other applications are possible.

This version also includes an enhanced MAC layer driver for DOS. Now you can start a QBASIC program via a query to the digi, even when you use a simple BayCom modem. Previously this was not possible due to conflicts with the internal PC timer in the PC. Both the MAC layer driver and QBASIC took ownership which made that after qbasic had run the BayCom would not work anymore. This is solved now by reinitializing the PC timer when QBASIC runs.

When the response to a query is read from a file it is now possible to also have an object in that file. Previously the data was always send as a message. This enables more experiments with queries that will start another program (shell-scripts, QBASIC, perl-scripts) and feed back information to the user via a file.

For the telemetry/WX activity with APRS and DIGI_NED look at:

http://www.online-club.de/~burkhard-john/aprs_interface/index.html
(German page, for the English page click on the union-jack at the lefthand side of the page)

This site is also reachable via the DIGI_NED Techweb on the VrzApDxw/ DIGI_NET site (follow the hyperlink from http://www.qsl.net/digi_ned).

As usual the version has been posted to the dutch packet network as DNEXE031.ZIP. This version and the source are available on the web via:

http://www.qsl.net/digi_ned

Here are the changes from the Changes.txt file:

Changes.txt

01-10-2001 version 0.3.1

- Added the OWNER manual in HTML. This will become the new documentation for DIGI_NED. File is named "drown101.zip".

```
+-----+
|
| Send comments for enhancments to PE1MEW, see adress on the web |
| via the http://www.qsl.net/digi_ned/ web portal.                |
|                                                                    |
+-----+
```

During the phase-over I will maintain the old documentation, after that this will become THE manual for DIGI_NED.

```
+-----+
| CONSULT THE README FILE FOR UNPACKING INSTRUCTIONS. |
+-----+
```

- Added nice picture to the directory displaying which files are needed in a DIGI_NED repeater installation. Look at dn_files.png!
Thanks to F5SMZ for the initial picture and PE1MEW for updating it.
- Found a bug in distance.c, some corrupted packets could slip through the syntax checking. Now checking is more strict.
- When the response is read from a file in a query then it is now possible to also have an object in that file. Previously the data was always send as a message. The following definition in digi_ned.mes will send an object when using Linux:

```
?xyz
!echo ";OBJECT1 *010000z5213.61N/00600.00E0Dynamic Object" > tmpxyz
>tmpxyz
!rm tmpxyz
```
- An execute response with two !! for SYSOP only did not work. I managed to make 2 mistakes with this in part of code. I feel ashamed...
- Made a change to AX25_MAC, new version 0.05. Now the PC timer is re-programmed to the correct rate if the TSR needs this and another program messed with this timer. This is for example needed when starting qbasic from the a query if you have a BayCom modem. Qbasic.exe re-programs the internal PC timer to the original rate, but AX25_MAC needs this at a much higher rate to handle BayCom modems. AX25_MAC will now detect if the PC timer is reset to the original rate and re-programs it to keep the PC timer at the higher rate needed to work with the BayCom modem.
(note that the versions inbetween were internal test versions to test out different methods and to avoid breaking something)
- New rule, "beacon:". This rule is just like "send:". From now on the beacons defined with the "beacon:" rule are transmitted at regular intervals and when an "?APRS?" broadcast or query is received, the beacons defined with "send:" are only transmitted a regular intervals and not affected by an "?APRS?" broadcast or query. An interval of "0" is allowed to make beacons that shall only be transmitted when an "?APRS?" broadcast or query has been received.
- Alternative message format for "ack" messages accepted now. "ack" messages may be send without a starting column. This appeared in PocketAPRS. It looks like a bug, but since both the TH-D7 and WinAPRS seem to accept it, DIGI_NED now does so too.
Thanks to Remko, PE1MEW, for reporting this.
- When a 3rd party message addressed to DIGI_NED arrived via an IGATE that had a direct path then DIGI_NED thought the originator of the message was direct instead of the originator of the packet (i.e. the IGATE). This is fixed now. Thanks to Remko, PE1MEW, for reporting this.
- New rules "wx_var:" and "wx:"
With these 2 rules it is possible to create WX information beacons from the telemetry data. A number of variables can be created which are associated with a LPT telemetry port (inculding multiplexing). These variables can accumulate data to calculate "minimum" and "maximum" values of telemetry data or to sum-up differences when a counter is connected on the telemetry input. Of course also the raw value can be

read. A formula $a(x*x)+b(x)+c$ is used to scale the input value to the wanted metric, for example input in km/h and output in mph or knots. Also variables can be defined which reflect the current date and time, both in local or zulu time.

Using "wx:" a data string can be transmitted which is build up with the created variables using a formatting specification. This formatting is straight forward by inserting the variable values at the wanted place. Formatting is available to have fixed or variable side, right or left alignment and optional zero padding.

The purpose of all this is to be able to connect home-brew WX hardware to DIGI_NED using a interface connected to the LPT port. For more information consult the DIGI_NED web page at http://www.qsl.net/digi_ned and the links from the TechWeb page at the DIGI_NED site.

The setup is universal and most certainly not restricted to WX use only, you can send any telemetry data in a nice self-chosen format, for example RDF data.

- Changed run.bat, now it starts with a BayCom connected to COM1, it used to be COM2. COM1 is more convenient for me because the system on which I test with DOS has only 1 COM port...
- DIGI_NED responds to the ?WX? broadcast and ?WX? query by sending all the strings defined with the "wx:" rule.
- The default "digi_ned.sat" file now contains entries for the new PCsat and STARSHINE low-orbit APRS mini satellites.

APRS[tm] is a Trademark of Bob Bruninga,
his home page is at "<http://web.usna.navy.mil/~bruninga/aprs.html>"

Kind regards,

Henk.

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by tapr.org (8.9.3/8.9.3/1.13) with SMTP id OAA29453
for <lyris.aprsnews@tapr.org>; Thu, 11 Oct 2001 14:05:57 -0500 (CDT)
Message-Id: <LYR839-41353-2001.10.11-14.31.01--
lyris.aprsnews@tapr.org>
Subject: [aprsnews] www.aprs.net aprsd unavailable
Date: Thu, 11 Oct 2001 15:04:17 -0400
x-sender: sdimse@earthlink.net

From: Steve Dimse <k4hg@tapr.org>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <200110111904.f9BJ49509158@snipe.mail.pas.earthlink.net>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

The Miami Museum had to close the aprsd ports to the www.aprs.net server due to excessive bandwidth. This week my server was maxing their T1 line for hours at a time. Therefore all javAPRS pages on that server that use live data, as well as all outside pages that load the applet and data from there, will not work. This is a permanent state of affairs. Sorry...

Steve K4HG

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From bounce-aprsnews-839@lists.tapr.org Sun Oct 28 18:33:27 2001
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id SAA00941
for <lyris.aprsnews@tapr.org>; Sun, 28 Oct 2001 18:33:24 -0600 (CST)
Subject: [aprsnews] findu.com
Date: Sun, 28 Oct 2001 17:54:01 -0500
x-sender: sdimse@earthlink.net
From: Steve Dimse <k4hg@tapr.org>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Message-Id: <LYR839-44164-2001.10.28-18.59.12--
lyris.aprsnews#tapr.org@lists.tapr.org>
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <E15xyoU-0000ML-00@gull.prod.itd.earthlink.net>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Please forward to all APRS related lists....

As most of you know, findu.com has been down for a couple days. I've been on a geek cruise, Linux Lunacy, for the last week, when I got back I discovered the cause was a hard disk crash.

I have switched over www.findu.com to point to the backup machine. This machine does not have every functionality of the other machine, specifically the latest graphic stuff like radar maps and the new breadcrumb stuff. Also the PCSat page is not available. I'm a bit busy now, but I hope to get the system brought up to date over the next week. Sorry for the problems.

Steve K4HG

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From bounce-aprsnews-839@lists.tappr.org Mon Nov 12 13:27:21 2001
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id NAA26590
for <lyris.aprsnews@tappr.org>; Mon, 12 Nov 2001 13:27:17 -0600 (CST)
Subject: [aprsnews] javAPRS 1.9R41 Released
Date: Mon, 12 Nov 2001 12:16:09 -0600
MIME-Version: 1.0
Content-Type: text/plain;
charset="US-ASCII"
Message-ID: <LYR839-46418-2001.11.12-13.53.49--
lyris.aprsnews#tappr.org@lists.tappr.org>
X-MIMEOLE: Produced By Microsoft Exchange V6.0.4712.0
content-class: urn:content-classes:message
Thread-Topic: javAPRS 1.9R41 Released
Thread-Index: AcFrphmWR7DMNlmeSIyIo5LmGlva8A==
From: "AE5PL Lists" <HamLists@ametx.com>
To: "APRS Announcements" <aprsnews@lists.tappr.org>
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tappr.org>>
X-Message-Id: <9F1E0A2562D60B43BAA4C87505322DFC02C73A@ame-main.ametx.com>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk
Content-Transfer-Encoding: 8bit
X-MIME-Autoconverted: from quoted-printable to 8bit by tappr.org id NAA26590

I have just released javAPRS 1.9R41. It is available from
<http://javaprs.ae5pl.net> A number of improvements and bug repairs have
been done.

If you have already updated your website to 1.9R30 or later, simply
upload japrs.zip (the small zip file) and unzip it in your javAPRS
directory. Leave japrs.zip in your javAPRS directory to act as the java
archive.

Enjoy.

73,

Pete Loveall AE5PL
<http://www.ae5pl.net>
<mailto:pete@ae5pl.net>

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From bounce-aprsnews-839@lists.tappr.org Tue Nov 13 07:05:58 2001
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id HAA06867
for <lyris.aprsnews@tappr.org>; Tue, 13 Nov 2001 07:05:57 -0600 (CST)
Subject: [aprsnews] javAPRS 1.9R45 Released
Date: Mon, 12 Nov 2001 23:45:40 -0600
MIME-Version: 1.0
Content-Type: text/plain;
charset="US-ASCII"
Message-ID: <LYR839-46529-2001.11.13-07.32.26--
lyris.aprsnews#tappr.org@lists.tappr.org>
X-MIMEOLE: Produced By Microsoft Exchange V6.0.4712.0
content-class: urn:content-classes:message
Thread-Topic: javAPRS 1.9R45 Released
Thread-Index: AcFsBm1MffpWaTaoRKy71j7N4JqISA==
From: "AE5PL Lists" <HamLists@ametx.com>
To: "APRS Announcements" <aprsnews@lists.tappr.org>
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tappr.org>>
X-Message-Id: <9F1E0A2562D60B43BAA4C87505322DFC013087@ame-main.ametx.com>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk
Content-Transfer-Encoding: 8bit
X-MIME-Autoconverted: from quoted-printable to 8bit by tappr.org id HAA06867

This should be the last release before 2.0. There was a bug in the Mic-E decoder (a string in java is not a byte array) that was causing the unprintable characters to be changed to question marks. The code has been fixed and the release has been posted at <http://javaprs.ae5pl.net>

On a previous post, I made a mistake about the netc: parameter. The syntax is supposed to be:
netc:port:ip_address
The ip_address can be either a specific address or a DNS name.

73,

Pete Loveall AE5PL
<http://www.ae5pl.net>
<mailto:pete@ae5pl.net>

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id LAA21263
for <lyris.aprsnews@tapr.org>; Tue, 13 Nov 2001 11:18:14 -0600 (CST)
Subject: [aprsnews] javAPRS 1.9R47
Date: Tue, 13 Nov 2001 11:14:36 -0600
MIME-Version: 1.0
Content-Type: text/plain;
charset="US-ASCII"
Message-ID: <LYR839-46558-2001.11.13-11.44.44--
lyris.aprsnews@tapr.org>
X-MIMEOLE: Produced By Microsoft Exchange V6.0.4712.0
content-class: urn:content-classes:message
Thread-Topic: javAPRS 1.9R47
Thread-Index: AcFsZqpUDlr4fFngRfa7Z4wbhmv8qg==
From: "AE5PL Lists" <HamLists@ametx.com>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <9F1E0A2562D60B43BAA4C87505322DFC013089@ame-main.ametx.com>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk
Content-Transfer-Encoding: 8bit
X-MIME-Autoconverted: from quoted-printable to 8bit by tapr.org id LAA21263

Now maybe the last release before 2.0? Some older Java VM's didn't support one of the functions that was used in R45 and R46. This has been corrected in R47. R47 should be compatible with most Java VM's out there. It has been tested with Microsoft (both older VM's and the current VM), Sun (1.3.1), Linux appletviewer, and Symantec (Netscape 4.7x).

73,

Pete Loveall AE5PL
<http://www.ae5pl.net>
<mailto:pete@ae5pl.net>

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id WAA12423
for <lyris.aprsnews@tapr.org>; Wed, 14 Nov 2001 22:13:17 -0600 (CST)
Subject: [aprsnews] javAPRS 2.0b01 Released
Date: Wed, 14 Nov 2001 16:53:53 -0600
MIME-Version: 1.0
Content-Type: text/plain;
charset="US-ASCII"
Message-ID: <LYR839-46766-2001.11.14-22.39.56--
lyris.aprsnews@tapr.org>
X-MIMEOLE: Produced By Microsoft Exchange V6.0.4712.0
content-class: urn:content-classes:message
Thread-Topic: javAPRS 2.0b01 Released
Thread-Index: AcFtXzvIK4fGT/gtTN2M1k5dt414pQ==
From: "AE5PL Lists" <HamLists@ametx.com>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <9F1E0A2562D60B43BAA4C87505322DFC01308A@ame-main.ametx.com>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk
Content-Transfer-Encoding: 8bit
X-MIME-Autoconverted: from quoted-printable to 8bit by tapr.org id WAA12423

As promised, I have added server support to javAPRS (javAPRS can now act as an EXTREMELY limited APRS server). I have also cleaned up a couple of compressed report issues since the last 1.9 release. I will be creating documentation over the next week and publishing it on my javAPRS web site, <http://javaprs.ae5pl.net>

If you want to see the server "in action", you can look at <http://www.ae5pl.net/html/allaprs.htm> This feed gives you a 30 minute history of last positions, compresses all valid posits to Mic-E format, and compresses lat/long for complete weather reports, objects, and items. After the history is sent, it goes to real-time. I am hoping that this will cause a significant decrease in link usage by connecting

javAPRS applets. This feed is read-only.

Please give me feedback directly to my home email address,
pete@ae5pl.net

73,

Pete Loveall AE5PL
<http://www.ae5pl.net>
<mailto:pete@ae5pl.net>

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id RAA00425
for <lyris.aprsnews@tapr.org>; Thu, 15 Nov 2001 17:46:04 -0600 (CST)
Subject: [aprsnews] javAPRS 2.0b04 Released (and Documentation)
Date: Thu, 15 Nov 2001 16:34:09 -0600
Message-ID: <LYR839-46897-2001.11.15-18.12.53--
lyris.aprsnews@tapr.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="US-ASCII"
content-class: urn:content-classes:message
Thread-Topic: javAPRS 2.0b04 Released (and Documentation)
X-MimeOLE: Produced By Microsoft Exchange V6.0.4712.0
Thread-Index: AcFuJaNqHSGtAqaWTe2yyzI75IsquQ==
From: "AE5PL Lists" <HamLists@ametx.com>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <9F1E0A2562D60B43BAA4C87505322DFC02C750@ame-main.ametx.com>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk
Content-Transfer-Encoding: 8bit
X-MIME-Autoconverted: from quoted-printable to 8bit by tapr.org id RAA00425

I have released build 4 of javAPRS 2.0. This builds adds an automatic
sending of a "read-only login" string to the host at connection. This

is used by aprsD, APRServe, etc. to see what software is connected. It can be disabled by setting the new switch "sendLogin" to false.

I have put initial documentation on the javAPRS web site, <http://javaprs.ae5pl.net> I pulled much of it from Steve's original documentation. I will add an installation page and some examples.

Thanks to everyone for the feedback. It looks like javAPRS is pretty stable and is even cleaning up after itself (keeping the memory footprint "small").

73,

Pete Loveall AE5PL
<http://www.ae5pl.net>
<mailto:pete@ae5pl.net>

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id JAA10413
for <lyris.aprsnews@tapr.org>; Sat, 17 Nov 2001 09:12:25 -0600 (CST)
Mime-Version: 1.0
X-Sender: mikemusick@earthlink.net@207.217.120.200
Message-Id: <LYR839-47156-2001.11.17-09.37.21--
lyris.aprsnews@tapr.org@lists.tapr.org>
Date: Fri, 16 Nov 2001 23:17:58 -0600
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: Mike Musick <mikemusick@earthlink.net>
Subject: [aprsnews] pocketAPRS v1.18 Released
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <a05101000b81b9d0b8584@[66.32.35.23]>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

A new release of pocketAPRS (APRS for Palm OS PDA's) has been uploaded to the TAPR site:

<ftp://ftp.tapr.org//aprssig/palmstuff/palmaprs/paprs118.zip> .

Updated with this version, versus the previous major release (v1.16):

- User-specified display of distances in Metric or English units.
- Altitude data for objects and stations.
- Transmit of altitude data when available.
- Your permanent objects do not fade or auto-delete from object list.
- New, improved serial port programming for Palm OS 3.5 and later.
- TNC handshake sequence tighter and more predictable.
- Bulletins with group information display group name and are sorted into groupings.

Fixed:

- Map zoom behavior near 180E x 90S.
- DF bearing averaging not plotting correctly.
- TNC selection list was from previous version.
- Error in message acknowledgement format.
- Loop in timed delete when your own objects are all that are left.
- Handspring Visor: prevent detection of keyboard signal (fouls serial port).
- Minor rounding error in speed conversion and bearing calculations.

It appears in light testing this evening that packet transmit in KISS mode may not be working due to the severity of the changes made in serial port handling. It's my impression that this probably doesn't affect anybody routinely using the program; if so, then stick with v1.16 and hold on until I can find out what's going on.

Please note that my e-mail address has changed! It is now mikemusick@earthlink.net

Enjoy!

...mike/N0QBF

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id NAA23257
for <lyris.aprsnews@tapr.org>; Sat, 17 Nov 2001 13:23:41 -0600 (CST)
content-class: urn:content-classes:message
Subject: [aprsnews] javAPRS Documentation and 2.0b05 Released

Date: Sat, 17 Nov 2001 08:29:43 -0600
MIME-Version: 1.0
Content-Type: text/plain;
charset="US-ASCII"
Message-ID: <LYR839-47159-2001.11.17-09.39.26--
lyris.aprsnews#tapr.org@lists.tapr.org>
X-MimeOLE: Produced By Microsoft Exchange V6.0.4712.0
Thread-Topic: javAPRS Documentation and 2.0b05 Released
Thread-Index: AcFvdExlJjs2cbxHT26F1KBNxzIm9w==
From: "AE5PL Lists" <HamLists@ametx.com>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <9F1E0A2562D60B43BAA4C87505322DFC01308F@ame-main.ametx.com>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk
Content-Transfer-Encoding: 8bit
X-MIME-Autoconverted: from quoted-printable to 8bit by tapr.org id NAA23257

As promised, I have posted "complete" documentation for javAPRS on my website, <http://javaprs.ae5pl.net> The documentation is hierarchical starting with the installation instructions and moving down through the parameters to examples at the bottom. Thanks to Steve for much of the information.

I have also released 2.0b5 which adds full support for JPEG maps as well as GIF maps.

As always, any comments, complaints, suggestions should be sent to me directly at pete@ae5pl.net so I can act upon them immediately. Thanks to all for the feedback that I have received to-date.

Enjoy.

73,

Pete Loveall AE5PL
<http://www.ae5pl.net>
<mailto:pete@ae5pl.net>

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Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id JAA04571
for <lyris.aprsnews@tappr.org>; Sun, 18 Nov 2001 09:37:22 -0600 (CST)
content-class: urn:content-classes:message
Subject: [aprsnews] javAPRS 2.0b08
Date: Sun, 18 Nov 2001 08:34:15 -0600
MIME-Version: 1.0
Content-Type: text/plain;
charset="US-ASCII"
Message-ID: <LYR839-47362-2001.11.18-10.04.10--
lyris.aprsnews#tappr.org@lists.tappr.org>
X-MimeOLE: Produced By Microsoft Exchange V6.0.4712.0
Thread-Topic: javAPRS 2.0b08
Thread-Index: AcFoavb8Fr0gZ/9gSRqbyNdXqjCspgH0aQvg
From: "AE5PL Lists" <HamLists@ametx.com>
To: "APRS Announcements" <aprsnews@lists.tappr.org>
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
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List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tappr.org>>
X-Message-Id: <9F1E0A2562D60B43BAA4C87505322DFC013091@ame-main.ametx.com>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk
Content-Transfer-Encoding: 8bit
X-MIME-Autoconverted: from quoted-printable to 8bit by tappr.org id JAA04571

A parameter has been added, autoDisplayID, which sets the scale at which
callsigns are displayed. For simplicity, I made it depend on the pixels
per degree latitude (1 degree = 60 nm). Because display resolutions
vary, this allows someone to base it on the height of the applet.

I changed the speed vector so it reflects "actual" speed based, again
for simplicity, on the pixels per degree latitude. This keeps a broad
display from being overcome with vectors, yet a close up display will
show vectors for even the slowest movers <g>.

Build 2.0b08 is now posted on my website, <http://javaprs.ae5pl.net> and
also includes a fix for the server function.

73,

Pete Loveall AE5PL
<http://www.ae5pl.net>
<mailto:pete@ae5pl.net>

> -----Original Message-----

> From: Bob Bruninga [mailto:bruninga@usna.edu]

> Subject: Re: [aprssig] Mic-E Support

>

> One of my biggest requests for javAPRS (and some other APRS apps) is that

> callsigns be suppressed above say the 512 mile range scale.

> The thought being that at that range scale, you are not really looking at

> individual stations anyway, but the general distribution of stations.

> The callsigns only clutter the map and destroy a nice ICON image.

>

> One thing is the length of velocity headers, These should be logarithmic

> so that Planes and satellites don't make very-very long ones and walkers

> hikers are so small as to be not visible. APRSdos always used a log of

> speed. The coefficient was chosen so that 60 MPH was about an inch long or

> so... All else looks great...

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From bounce-aprsnews-839@lists.tapr.org Sun Nov 18 16:34:14 2001

Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])

by tapr.org (8.9.3/8.9.3/1.13) with SMTP id QAA00463

for <lyris.aprsnews@tapr.org>; Sun, 18 Nov 2001 16:34:11 -0600 (CST)

X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs

Date: Sun, 18 Nov 2001 13:44:44 -0500 (EST)

From: Bob Bruninga <bruninga@usna.edu>

X-X-Sender: <bruninga@arctic>

To: "APRS Announcements" <aprsnews@lists.tapr.org>

cc: APRS SIG <aprssig@lists.tapr.org>, APRS News SIG <aprsnews@lists.tapr.org>

Subject: [aprsnews] Re: javAPRS 2.0b08

In-Reply-To: <9F1E0A2562D60B43BAA4C87505322DFC013091@ame-main.ametx.com>

Message-ID: <LYR839-47457-2001.11.18-17.00.58--

lyris.aprsnews@tapr.org@lists.tapr.org>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>

List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <Pine.GS0.4.33.0111181336570.18609-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

On Sun, 18 Nov 2001, AE5PL Lists wrote:

> I changed the speed vector so it reflects "actual" speed based, again
> for simplicity, on the pixels per degree latitude. This keeps a broad
> display from being overcome with vectors, yet a close up display will
> show vectors for even the slowest movers <g>.

The way APRSdos does it (and all military tactical displays) is that the length of the vector is constant at all map scales. If it is 1 inch long, then it is 60 MPH. (or whatever you define). THus no matter what scale you are on, you can visually conclude his speed.

Also, APRSdos then varies the length of the vector proportional to the LOG of speed. THus if 60 MPH is defined to be about 1 inch, then chose coeficients so that someone walking at 3 MPH is about 1/8th inch long and an Airplane at 450 MPH is only 2 inches long or so.

THis gives the operator at a glance at all scales and all zooms, a consistent variable velocity leader that covers the full range of APRS speeds and yet does not clutter maps at any scale...

Many "popular" APRS software implementations overlooked such well established techniques and details for tactical displays...

de WB4APR@amsat.org, Bob

PCsat WEB page	http://www.ew.usna.edu/~bruninga/pcsat.html
ISS-APRS FAQ:	http://www.ew.usna.edu/~bruninga/iss-faq.html
CUBESAT Designs	http://www.ew.usna.edu/~bruninga/cubesat.html
APRS LIVE pages	http://www.ew.usna.edu/~bruninga/aprs.html
APRS SATELLITES	http://www.ew.usna.edu/~bruninga/astars.html
MIM/Mic-E/Mic-Lite	http://www.toad.net/~wclement/bruninga/mic-lite.html

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From bounce-aprsnews-839@lists.tappr.org Thu Nov 22 20:55:34 2001
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id UAA02376
for <lyris.aprsnews@tappr.org>; Thu, 22 Nov 2001 20:55:33 -0600 (CST)
Mime-Version: 1.0
X-Sender: mikemusick@earthlink.net@207.217.120.200
Message-Id: <LYR839-48207-2001.11.22-21.22.36--
lyris.aprsnews@tappr.org@lists.tappr.org>
Date: Thu, 22 Nov 2001 19:52:33 -0600
To: "APRS Announcements" <aprsnews@lists.tappr.org>
From: Mike Musick <mikemusick@earthlink.net>
Subject: [aprsnews] pocketAPRS v1.20 Released
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tappr.org>>
X-Message-Id: <a05101004b8235a8ce791@[209.183.110.42]>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

I hope everyone is having or has had a very pleasant Thanksgiving!

Another new release of pocketAPRS (APRS for Palm OS PDA's) has been
uploaded to the TAPR site:
<ftp://ftp.tappr.org/aprssi/palmstuff/palmaprs/paprs120.zip> .

This fixes four bugs:

- Distance and bearing calculations did not work properly, if at all.
- Map scale did not display.
- "Auto" mobile position-based beaconing did not work.
- Palm m125, m500 and m505 serial port addressing fixed.

The distance, map scale and "Auto" bugs were all related, caused by a
(very silly) one-character typo in a mutual routine.

The KISS mode transmit bug has not been addressed yet.

Again, a reminder that my e-mail address has changed! It is now
mikemusick@earthlink.net

Enjoy!

...mike/N0QBF

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From bounce-aprsnews-839@lists.tapr.org Tue Nov 27 14:24:32 2001
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id OAA04720
for <lyris.aprsnews@tapr.org>; Tue, 27 Nov 2001 14:24:32 -0600 (CST)
X-Sent: 27 Nov 2001 18:27:26 GMT
Subject: [aprsnews] Primary findu.com machine back on line
Date: Tue, 27 Nov 2001 13:27:26 -0500
x-sender: sdimse@mail.telocity.com
From: Steve Dimse <k4hg@tapr.org>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Sender: bounce-aprsnews-839@lists.tapr.org
Message-Id: <LYR839-48950-2001.11.27-14.51.47--
lyris.aprsnews@tapr.org@lists.tapr.org>
Precedence: bulk

It's been a long process, delayed by a hurricane, a new Red Hat release, and other issues, but the primary findu.com machine is (I think) finally ready for prime-time again. Good thing too, the secondary machine just doesn't have the juice to handle the full load.

For now, primary and secondary are configured in a loadsharing arrangement. Basically, if you enter www.findu.com into a browser, you don't know which you are using. The data should be the same, save for the rare internet routing problem where one server sees data the other doesn't. If you want to use one or the other, you can force it by using www1.findu.com for the primary and www2.findu.com for the secondary.

Please let me know if you see any problems with the servers.

Steve K4HG

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Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id HAA18248
for <lyris.aprsnews@tappr.org>; Mon, 3 Dec 2001 07:07:59 -0600 (CST)
Reply-To: <rmw@rwa-inc.com>
From: "R. Wittner" <rmw@rwa-inc.com>
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Subject: [aprsnews] APRS/CE Build 1009
Date: Mon, 3 Dec 2001 03:55:00 -0500
Message-ID: <LYR839-49884-2001.12.03-07.34.57--
lyris.aprsnews@tappr.org@lists.tappr.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
X-Priority: 3 (Normal)
X-MSMail-Priority: Normal
Importance: Normal
In-Reply-To: <LYR3572-49501-2001.12.01-08.54.39--RMW#RWA-INC.COM@lists.tappr.org>
X-MimeOLE: Produced By Microsoft MimeOLE V6.00.2600.0000
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tappr.org>>
X-Message-Id: <000301c17bfb\$0799eb20\$7401a8c0@io>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

The previous APRS/CE beta expired about 28 hours ago... my apologies for the outage.

Version 0.99 Build 1009 is available at:

<http://www.tappr.org/~aprsce/>

As before, e-mail me if you run into any issues.

There is also some information regarding HPC 2000 machines. The builds are available for that platform, but you will have to install them manually. See the site for more information.

-Rob
KZ5RW

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From bounce-aprsnews-839@lists.tapr.org Mon Dec 3 20:51:04 2001
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id UAA17289
for <lyris.aprsnews@tapr.org>; Mon, 3 Dec 2001 20:51:00 -0600 (CST)
Sender: bounce-aprsnews-839@lists.tapr.org
Date: Mon, 3 Dec 2001 17:10:56 EST
From: Alan Crosswell <n2ygk@weca.org>
Subject: [aprsnews] Announcing Linux aprsdigi-2.4.0
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Message-ID: <LYR839-50041-2001.12.03-21.18.42--
lyris.aprsnews@tapr.org@lists.tapr.org>
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <CMM.0.90.4.1007417456.alan@watsol>
Precedence: bulk

Download now at <http://www.users.cloud9.net/~alan/ham/aprs/> and soon
at <ftp://ftp.tapr.org/aprssidig/linux/>.

Announcing N2YGK's Linux aprsdigi-2.4.0. December 3, 2001

Several hams have been using my original Linux APRS(tm) digipeater, aprsdigi, for a couple of years now. It was found in the arpsmon.zip package (don't ask) on ftp.tapr.org. Release 2.4.0 of this advanced APRS digipeater is now available for free under the terms of the GNU Public License (GPL) at <ftp://ftp.tapr.org/aprssidig/linux/aprsdigi-2.4.0.tgz>.

This is a maintenance release of aprsdigi-2.0, updating it to the new libax25 and the Linux 2.4.x kernel. One or two minor bugs have been fixed but otherwise it remains unchanged from aprsdigi-2.0:

Major features of this release of aprsdigi:

- MYCALL substitution.
- WIDE, WIDEn-n, TRACE, and TRACEn-n.
- As many radio interfaces as you can plug into your Linux machine with flexible gatewaying between them.
- Special handling for Mic-Encoder, Kenwood TH-D7, and TheNet X1J4, including SSID-based digipeating.

- Suppression of duplicate and looping packets.
- Works with Linux 2.4 kernel AX.25 network stack. This means any AX.25 interface supported by the kernel will work, not just a TNC2 clone. Examples include all the BAYCOM interfaces (BAYPAC, PICPAR, PICSER, etc.), soundcards, 8530 SCC cards, etc.

This distribution also includes a version of aprsmon, but, unless you require support for other than a TNC-2, I recommend using WA4DSY's aprsd instead.

73 de Alan N2YGK

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From bounce-aprsnews-839@lists.tapr.org Tue Dec 18 07:57:09 2001
 Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
 by tapr.org (8.9.3/8.9.3/1.13) with SMTP id HAA25257
 for <lyris.aprsnews@tapr.org>; Tue, 18 Dec 2001 07:57:05 -0600 (CST)
 Subject: [aprsnews] findU primary server offline
 Date: Tue, 18 Dec 2001 07:20:42 -0500
 x-sender: sdimse@earthlink.net
 From: Steve Dimse <k4hg@tapr.org>
 To: "APRS Announcements" <aprsnews@lists.tapr.org>
 Mime-Version: 1.0
 Content-Type: text/plain; charset="US-ASCII"
 Message-Id: <LYR839-52567-2001.12.18-08.25.20--
 lyris.aprsnews#tapr.org@lists.tapr.org>
 List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
 List-Software: Lyris Server version 3.0
 List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
 List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
 X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
 X-Message-Id: <E16GJEb-0007Qw-00@scaup.prod.itd.earthlink.net>
 Sender: bounce-aprsnews-839@lists.tapr.org
 Precedence: bulk

Thanks to the dedicated efforts of self-appointed spam police, I lost my DSL connection last night at 7PM. Around 9 I figured out what happened and switched to the backup server. As we all know from last month, this machine does not have the disk throughput to handle the load by itself, so I'm taking a few of the bigger disk-hogging cgis offline, like msg and near. This also means there is no redundancy in the findU system at this

time.

The "good" folks at DirectTV DSL (formerly telocity) seem pretty committed to their decision, hopefully I can change their minds, but if not, this situation will persist until I can find another DSL provider with fixed IP, or another local home for the box.

Sorry...

Steve K4HG

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id HAA25291
for <lyris.aprsnews@tapr.org>; Tue, 18 Dec 2001 07:57:16 -0600 (CST)
Mime-Version: 1.0
X-Sender: mikemusick@earthlink.net@207.217.120.200
Message-Id: <LYR839-52568-2001.12.18-08.25.35--
lyris.aprsnews@tapr.org>
Date: Tue, 18 Dec 2001 00:58:02 -0600
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: Mike Musick <mikemusick@earthlink.net>
Subject: [aprsnews] New TNC for Handspring Visor
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <a05101000b8448e084b38@[66.32.120.190]>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

It's rare any more that we have a truly new development in the Amateur AX.25 world, but I am tickled to have the opportunity to let everyone know that I am currently testing a totally new TNC, designed expressly for the Handspring Visor line of PDA products. It is the SM2496DSP from Shine Micro, a communications electronics development firm in the Seattle area.

This new TNC is a "Springboard", the expansion module standard for the Visor. It handles 1200 and 9600bps AX.25 through a TI 320C54xx

DSP chip. The TNC presents a KISS layer to the Palm OS application. The support software being tested at the moment only supports UI mode, but there are plans for connected mode support. What's especially amazing is that THIS TNC IS THE SIZE OF A BOOK OF MATCHES! No kidding! It slips right into the Handspring's module slot with no increase in profile.

At the moment the hardware is still in beta development, and the support software is best characterized as "rough drafts". The primary reason I have an early version is to write native support for the SM2496 into pocketAPRS. Testing is going quite well, as I've had it only two days and it's already receiving APRS packets. It should be fully functioning with APRS before the week is out.

This module is ALSO an MP3 player, and includes an SM/MMC memory slot which supports up to 128MB of add-in memory for MP3 playback. I didn't get any indication that they're planning to support the memory slot for general Palm OS access, but it's probably too early to rule that out, especially given the flexibility of the DSP processor in the module.

More info about the module can be found at <http://www.shinemicro.com> .

...mike/N0QBF

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id OAA22223
for <lyris.aprsnews@tapr.org>; Tue, 18 Dec 2001 14:13:58 -0600 (CST)
Subject: [aprsnews] javAPRS 2.1 Released
Date: Tue, 18 Dec 2001 13:42:16 -0600
Message-ID: <LYR839-52609-2001.12.18-14.42.23--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
content-class: urn:content-classes:message
Thread-Topic: javAPRS 2.1 Released
X-MimeOLE: Produced By Microsoft Exchange V6.0.5762.3
Thread-Index: AcGH/Bahlrnv8xNSTvqGITJ8/jbXAw==
From: "AE5PL Lists" <HamLists@ametx.com>
Sender: bounce-aprsnews-839@lists.tapr.org

To: "APRS Announcements" <aprsnews@lists.tappr.org>
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tappr.org>>
X-Message-Id: <9F1E0A2562D60B43BAA4C87505322DFC02C7E9@ame-main.ametx.com>
Precedence: bulk
Content-Transfer-Encoding: 8bit
X-MIME-Autoconverted: from quoted-printable to 8bit by tappr.org id 0AA22223

I have just released javAPRS 2.1b01. It is available from
<http://javaprs.ae5pl.net> Along with a number of minor bug fixes, it has
been enhanced to include the following:

MapBlast map support
Signed applet

Now that it is a signed applet, it allows javAPRS to reside on ANY web
site. As a signed applet, the browser gives the user the option of
allowing off-site network connections (such as to another server running
aprsD). The applet is now only available in signed form as a .jar file
(Netscape 4.x & 6.x) and as a .cab file (MS IE 5.x and 6.x). Both
should be put in your javAPRS directory. In conjunction with this
improvement, I added MapBlast map support similar to Tiger map support.

Information on using the new features is also available at
<http://javaprs.ae5pl.net> Pay extra attention to the Tiger and MapBlast
examples.

Please direct any comments/problems to me directly at pete@ae5pl.net

73,

Pete Loveall AE5PL
<http://www.ae5pl.net>
<mailto:pete@ae5pl.net>

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From bounce-aprsnews-839@lists.tappr.org Fri Dec 21 16:01:55 2001
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id QAA13012

for <lyris.aprsnews@tapr.org>; Fri, 21 Dec 2001 16:01:50 -0600 (CST)
content-class: urn:content-classes:message
Subject: [aprsnews] javAPRS 2.1b02 Released
Date: Fri, 21 Dec 2001 15:46:44 -0600
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Message-ID: <LYR839-53026-2001.12.21-16.30.23--
lyris.aprsnews@tapr.org@lists.tapr.org>
X-MimeOLE: Produced By Microsoft Exchange V6.0.5762.3
Thread-Topic: javAPRS 2.1b02 Released
Thread-Index: AcGKaPtGhzq5E+rEQDe7ECNxZMhDYA==
From: "AE5PL Lists" <HamLists@ametx.com>
Sender: bounce-aprsnews-839@lists.tapr.org
To: "APRS Announcements" <aprsnews@lists.tapr.org>
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <9F1E0A2562D60B43BAA4C87505322DFC02C7FC@ame-main.ametx.com>
Precedence: bulk
Content-Transfer-Encoding: 8bit
X-MIME-Autoconverted: from quoted-printable to 8bit by tapr.org id QAA13012

I have just released a maintenance release of javAPRS. Some minor bug fixes have been included in this build. You can update your site by downloading japr.jar and japr.cab from <http://javaprs.ae5pl.net>

For those interested in looking at what some hams have done to add javAPRS to their web pages, take a look at the following:

http://www.ae5pl.net/html/java_maps.htm
<http://www.digitaldune.net/~ahubwest/javAPRS/java.html>
<http://www.btinternet.com/~apritch/netaprs.htm>

These should give you an idea of what can be done.

73,

Pete Loveall AE5PL
<http://www.ae5pl.net>
<mailto:pete@ae5pl.net>

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id TAA10295
for <lyris.aprsnews@tapr.org>; Sat, 22 Dec 2001 19:59:18 -0600 (CST)
content-class: urn:content-classes:message
Subject: [aprsnews] javAPRS 2.1b03 Released
Date: Sat, 22 Dec 2001 13:56:03 -0600
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Message-ID: <LYR839-53157-2001.12.22-20.27.56--
lyris.aprsnews#tapr.org@lists.tapr.org>
X-MimeOLE: Produced By Microsoft Exchange V6.0.5762.3
Thread-Topic: javAPRS 2.1b03 Released
Thread-Index: AcGLIq78RDC0laBpQEGwC9uQ7yablw==
From: "AE5PL Lists" <HamLists@ametx.com>
Sender: bounce-aprsnews-839@lists.tapr.org
To: "APRS Announcements" <aprsnews@lists.tapr.org>
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <9F1E0A2562D60B43BAA4C87505322DFC02C802@ame-main.ametx.com>
Precedence: bulk
Content-Transfer-Encoding: 8bit
X-MIME-Autoconverted: from quoted-printable to 8bit by tapr.org id TAA10295

There was timing problem with Netscape 4.7x in the previous 2.1 builds.
Please update your japr.s.jar and japr.s.cab files from my website
<http://javaprs.ae5pl.net> so users of your websites with Netscape
Navigator browsers will work correctly.

73,

Pete Loveall AE5PL
<http://www.ae5pl.net>
<mailto:pete@ae5pl.net>

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From bounce-aprsnews-839@lists.tappr.org Fri Dec 28 08:45:22 2001
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id IAA28926
for <lyris.aprsnews@tappr.org>; Fri, 28 Dec 2001 08:45:15 -0600 (CST)
content-class: urn:content-classes:message
Subject: [aprsnews] javAPRS 2.1b04 Released
Date: Fri, 28 Dec 2001 00:09:29 -0600
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Message-ID: <LYR839-53820-2001.12.28-09.13.54--
lyris.aprsnews@tappr.org@lists.tappr.org>
X-MimeOLE: Produced By Microsoft Exchange V6.0.5762.3
Thread-Topic: javAPRS 2.1b04 Released
Thread-Index: AcGPZjDsri+p51SWQ82NwRmEbC2chg==
From: "AE5PL Lists" <HamLists@ametx.com>
Sender: bounce-aprsnews-839@lists.tappr.org
To: "APRS Announcements" <aprsnews@lists.tappr.org>
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tappr.org>>
X-Message-Id: <9F1E0A2562D60B43BAA4C87505322DFC02C834@ame-main.ametx.com>
Precedence: bulk
Content-Transfer-Encoding: 8bit
X-MIME-Autoconverted: from quoted-printable to 8bit by tappr.org id IAA28926

Hopefully, this will be the last build for a while.

Map sizing is fixed (some maps were getting cut off at the bottom).
GIF's and JPG's will now be sized to the applet (no more trying to
figure out what size to make the applet to match the GIF).
GIF's, JPG's, and Dos maps do not have to be located in the maps
directory (use an [http:](http://) URL to take advantage of this).
autoMapRedraw and autoMapReload have been added to automatically redraw
and reload maps, respectively.

To make use of the new features, I have updated
<http://www.ae5pl.net/html/plainares.htm> to now have 2 applets running at
the same time. One shows the Mapblast map of the county like before;
the other shows the local NWS radar map (which is reloaded every 5
minutes). By the way, the NWS updates their radar maps every 10 minutes
during no storms and every 5 minutes when there are storms in the area.

If you wish to use javAPRS, PLEASE download japrns.jar and japrns.cab to
your own web site and change CODEBASE to reflect their new home. (The

previous version of japr.s.cab had CAB capitalized causing some problems with UNIX based web servers; this has been corrected).

Also, PLEASE visit <http://www.ae5pl.net/html/aprsservers.htm> to find a server to use for your web pages. I have very limited bandwidth and cannot act as the codebase or APRS server for your web pages. Thank you for your cooperation.

Finally, for those of you who want to use the NWS Radar weather maps, go to <http://www.ae5pl.net/html/NWSRadar.asp> to find the radar site nearest you. You input your location (lat/long) and you get a list of radar sites ordered by distance. Pick the closest one to you, set the gifMap coordinates to what is shown, set the gifMap to the URL shown, and you are ready to display javAPRS with the radar as a background. Check out <http://www.ae5pl.net/html/plainares.htm> to see a sample of the recommended applet definition.

As always, I appreciate any feedback. Most of these "fixes" and enhancements have come from your suggestions.

73,

Pete Loveall AE5PL
<http://www.ae5pl.net>
<mailto:pete@ae5pl.net>

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From bounce-aprsnews-839@lists.tapr.org Fri Dec 28 16:54:09 2001
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id QAA01323
for <lyris.aprsnews@tapr.org>; Fri, 28 Dec 2001 16:54:08 -0600 (CST)
content-class: urn:content-classes:message
Subject: [aprsnews] RE: [aprssig] javAPRS 2.1b04 Released
Date: Fri, 28 Dec 2001 09:49:27 -0600
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Message-ID: <LYR839-53913-2001.12.28-17.23.00--
lyris.aprsnews@tapr.org>
X-MimeOLE: Produced By Microsoft Exchange V6.0.5762.3
Thread-Topic: [aprssig] javAPRS 2.1b04 Released
Thread-Index: AcGPZjDsri+p51SWQ82NwRmEbC2chgAUN1IA

From: "AE5PL Lists" <HamLists@ametx.com>
Sender: bounce-aprsnews-839@lists.tapr.org
To: "APRS Announcements" <aprsnews@lists.tapr.org>
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <9F1E0A2562D60B43BAA4C87505322DFC02C83F@ame-main.ametx.com>
Precedence: bulk
Content-Transfer-Encoding: 8bit
X-MIME-Autoconverted: from quoted-printable to 8bit by tapr.org id QAA01323

Correction: the NWS Radar maps page is <http://www.ae5pl.net/NWSRadar.asp>

Sorry about the confusion.

73,

Pete Loveall AE5PL
<http://www.ae5pl.net>
<mailto:pete@ae5pl.net>

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From bounce-aprsnews-839@lists.tappr.org Wed Jan 2 15:08:10 2002
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id PAA24987
for <lyris.aprsnews@tappr.org>; Wed, 2 Jan 2002 15:08:05 -0600 (CST)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Wed, 2 Jan 2002 16:04:02 -0500 (EST)
From: Bob Bruninga <bruninga@usna.edu>
X-X-Sender: <bruninga@arctic>
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Subject: [aprsnews] APRS Voice Alert
Message-ID: <LYR839-54708-2002.01.02-15.37.01--
lyris.aprsnews@tappr.org@lists.tappr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tappr.org>>
X-Message-Id: <Pine.GS0.4.33.0201021557580.24546-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

For those of you not on the APRS SIG, a new concept has come forward that can revolutionize APRS mobile operations and is trivial to implement.

Simply turn up your volume on 144.39 and set CTCSS decode for tone 100 Hz.

THIS way, you still hear nothing out of the speaker while mobile, but anyone within range of you will be able to contact you by voice by simply setting PL of 100 and hollerin at you!

Yes when you are within a mile or so of another mobile running voice alert also, you will hear his packets with PL100 open your squelch, but hey, many times when on the open road you do want to know if someone is nearby. You won't hear anything else except adjacent mobiles, because no one else will be running PL 100. I have been running CTCSS 100 for the last 3 weeks and still have not heard a single packet break squelch...

Think of it as a FREE Voice calling channel using existing hardware.

Of course, NO QSO's on 144.39. Call them and QSY for the QSO is the plan...

de WB4APR@amsat.org, Bob

PCsat WEB page <http://www.ew.usna.edu/~bruninga/pcsat.html>
ISS-APRS FAQ: <http://www.ew.usna.edu/~bruninga/iss-faq.html>

CUBESAT Designs <http://www.ew.usna.edu/~bruninga/cubesat.html>
APRS LIVE pages <http://www.ew.usna.edu/~bruninga/aprs.html>
APRS SATELLITES <http://www.ew.usna.edu/~bruninga/astars.html>
MIM/Mic-E/Mic-Lite <http://www.toad.net/~wclement/bruninga/mic-lite.html>

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id EAA24580
for <lyris.aprsnews@tapr.org>; Tue, 22 Jan 2002 04:25:53 -0600 (CST)
Subject: [aprsnews] javAPRS 2.2b01 Released
MIME-Version: 1.0
Content-Type: text/plain;
charset="US-ASCII"
Date: Mon, 21 Jan 2002 22:01:10 -0600
Message-ID: <LYR839-58427-2002.01.22-04.55.53--
lyris.aprsnews@tapr.org>
X-MimeOLE: Produced By Microsoft Exchange V6.0.5762.3
content-class: urn:content-classes:message
Thread-Topic: javAPRS 2.2b01 Released
Thread-Index: AcGi+WzUyQ3A0J+JQiqYMu0eeCLPmQ==
From: "AE5PL Lists" <HamLists@ametx.com>
Sender: bounce-aprsnews-839@lists.tapr.org
To: "APRS Announcements" <aprsnews@lists.tapr.org>
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <9F1E0A2562D60B43BAA4C87505322DFC02C879@ame-main.ametx.com>
Precedence: bulk
Content-Transfer-Encoding: 8bit
X-MIME-Autoconverted: from quoted-printable to 8bit by tapr.org id EAA24580

This is what is new since 2.1 build 04:

PNG image support (japrspng.cab, japrspng.jar).
autoFit parameter added to stretch images/maps to fit window.
Added multiple map projection types selectable for GIF maps.
Support TIGER projection.
Support MapBlast projections.
Support NWS Radar GIF projection (new page for proper top-left and

bottom-right parameters (<http://www.ae5pl.net/nwsradars.asp>).

Added Expedia support.

Added zooming for GIF maps.

Added display of area objects (\l).

Added display of sign post (\m) objects/items.

Added filtering by icon.

Added metric display support.

Corrected DosMap drawing.

Reduced redraws when scrolling the browser window.

autoReload only reloads GIF maps.

Improved speed and memory handling.

mapList no longer fussy about name/file conflicts (as long as each menu name is unique).

displayOnly and dontDisplay don't require trailing slash.

Multiple parsing/display bug fixes.

Server bug fixes.

The new japr.s.jar and japr.s.cab can be downloaded from <http://javapr.s.ae5pl.net> Some sites may display maps a little differently now but this was necessitated by using proper map projections instead of the "flat" (LatLon) projection. Also, the size has grown (especially japr.s.jar). I am trying to keep it small and this is why I have put PNG support into separate files. Any major future additions (such as shapefile support) will also be in separate files.

Note: The download page has a copy of the license for use. javAPRS is still free, but it is restricted to personal and noncommercial use. Anyone wishing to use it for other purposes must contact me for approval. This is required for using MapBlast and Expedia maps.

73,

Pete Loveall AE5PL

<http://www.ae5pl.net>

<mailto:pete@ae5pl.net>

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])

by tapr.org (8.9.3/8.9.3/1.13) with SMTP id LAA16289

for <lyris.aprsnews@tapr.org>; Tue, 22 Jan 2002 11:33:33 -0600 (CST)

Subject: [aprsnews] New SIG for javAPRS
MIME-Version: 1.0
Content-Type: text/plain;
charset="US-ASCII"
Date: Tue, 22 Jan 2002 11:23:21 -0600
Message-ID: <LYR839-58537-2002.01.22-12.03.34--
lyris.aprsnews#tapr.org@lists.tapr.org>
X-MimeOLE: Produced By Microsoft Exchange V6.0.5762.3
content-class: urn:content-classes:message
Thread-Topic: New SIG for javAPRS
Thread-Index: AcGjaXxREuQJXEEKTLW8CR2v84r22w==
From: "AE5PL Lists" <HamLists@ametx.com>
Sender: bounce-aprsnews-839@lists.tapr.org
To: "APRS Announcements" <aprsnews@lists.tapr.org>
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <9F1E0A2562D60B43BAA4C87505322DFC02C880@ame-main.ametx.com>
Precedence: bulk
Content-Transfer-Encoding: 8bit
X-MIME-Autoconverted: from quoted-printable to 8bit by tapr.org id LAA16289

I have started a SIG for discussion of javAPRS matters. You can
subscribe to the mail list by sending an email to
javaprs-subscribe@yahooogroups.com This is an unmoderated list (until
abused) but is intended to discuss javAPRS matters only (please, no
off-topic discussions).

73,

Pete Loveall AE5PL
<http://www.ae5pl.net>
<mailto:pete@ae5pl.net>

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id GAA15768
for <lyris.aprsnews@tapr.org>; Thu, 31 Jan 2002 06:45:24 -0600 (CST)
Subject: [aprsnews] javAPRS 2.2b06 Released

MIME-Version: 1.0
Content-Type: text/plain;
charset="US-ASCII"
Date: Thu, 31 Jan 2002 06:41:39 -0600
X-MimeOLE: Produced By Microsoft Exchange V6.0.5762.3
Message-ID: <LYR839-60188-2002.01.31-07.15.39--
lyris.aprsnews#tapr.org@lists.tapr.org>
content-class: urn:content-classes:message
Thread-Topic: javAPRS 2.2b06 Released
Thread-Index: AcGqVKCzhuyycs7hQYqjhdzRdSvhrw==
From: "AE5PL Lists" <HamLists@ametx.com>
Sender: bounce-aprsnews-839@lists.tapr.org
To: "APRS Announcements" <aprsnews@lists.tapr.org>
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <9F1E0A2562D60B43BAA4C87505322DFC02C8DC@ame-main.ametx.com>
Precedence: bulk
Content-Transfer-Encoding: 8bit
X-MIME-Autoconverted: from quoted-printable to 8bit by tapr.org id GAA15768

I have released javAPRS 2.2 build 06. It is available from <http://groups.yahoo.com/group/javaprs/files> for members of the javAPRS mail list or from the sites listed at <http://javaprs.ae5pl.net> For those of you using javAPRS in your web pages, come join the mail list. The member list is hidden to prevent spammers from using it. It is a great way to provide feedback and see what other people are doing with javAPRS.

Build 06 has some bug fixes, has added the ability to scale the icons, and supports most browser Java VM's. As always, I am very interested in any feedback, suggestions, or bug reports. This build appears to be very stable.

73,

Pete Loveall AE5PL
<http://www.ae5pl.net>
<mailto:pete@ae5pl.net>

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From bounce-aprsnews-839@lists.tappr.org Sat Feb 16 10:00:26 2002
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id KAA00875
for <lyris.aprsnews@tappr.org>; Sat, 16 Feb 2002 10:00:23 -0600 (CST)
Date: Sat, 16 Feb 2002 10:10:17 -0500
From: "John R. Ackermann" <jra@febo.com>
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Subject: [aprsnews] New PSR available on-line
Message-ID: <LYR839-63451-2002.02.16-10.31.25--
lyris.aprsnews#tappr.org@lists.tappr.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit
Content-Disposition: inline
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
X-Message-Id: <1115194274.1013854217@[192.168.1.26]>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

The Winter, 2002 issue of TAPR's journal, The Packet Status Register, is now available on-line at <http://www.tappr.org/tappr/html/Fpsr.html> . Hope you enjoy it!

73,
John N8UR

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From bounce-aprsnews-839@lists.tappr.org Mon Feb 18 07:34:42 2002
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id HAA17230
for <lyris.aprsnews@tappr.org>; Mon, 18 Feb 2002 07:34:39 -0600 (CST)
Subject: [aprsnews] javAPRS Version 2.2b08 Released
Date: Mon, 18 Feb 2002 07:14:05 -0600
Message-ID: <LYR839-63958-2002.02.18-08.05.49--
lyris.aprsnews#tappr.org@lists.tappr.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="US-ASCII"
X-MimeOLE: Produced By Microsoft Exchange V6.0.5762.3

Thread-Topic: javAPRS Version 2.2b08 Released
content-class: urn:content-classes:message
Thread-Index: AcG4fiPa2LbKhCQ2EdaQ8gBAM9KoGQ==
From: "AE5PL Lists" <HamLists@ametx.com>
Sender: bounce-aprsnews-839@lists.tappr.org
To: "APRS Announcements" <aprsnews@lists.tappr.org>
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tappr.org>>
X-Message-Id: <9F1E0A2562D60B43BAA4C87505322DFC02C952@ame-main.ametx.com>
Precedence: bulk
Content-Transfer-Encoding: 8bit
X-MIME-Autoconverted: from quoted-printable to 8bit by tappr.org id HAA17230

I have just finished uploading build 8 of javAPRS 2.2 to
<http://groups.yahoo.com/group/javaprs/files> (available to members of the
javAPRS mail list). It is also available at a slower speed from
<http://javaprs.ae5pl.net>

This build includes MapBlast maps using the metric parameter to display
the proper scale values. More importantly, it contains a fix for
displaying speeds. It appears that I was not converting the ccc/sss
speed value from knots to MPH. This has been corrected. If you used my
compressed preprocessor code (located at <http://javaprs.ae5pl.net>), this
code has changed. Obviously, the preprocessor shouldn't do the
conversion since the speed component of ccc/sss is always knots.
Positionless weather reports, GPS strings, and Mic-E translations are
unaffected.

73,

Pete Loveall AE5PL

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Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id HAA17331
for <lyris.aprsnews@tappr.org>; Mon, 18 Feb 2002 07:35:51 -0600 (CST)
Subject: [aprsnews] javAPRS Findu
Date: Mon, 18 Feb 2002 07:26:29 -0600
Message-ID: <LYR839-63961-2002.02.18-08.06.57-->

lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="US-ASCII"
X-MimeOLE: Produced By Microsoft Exchange V6.0.5762.3
Thread-Topic: javAPRS Findu
content-class: urn:content-classes:message
Thread-Index: AcG4f9922LbKjSQ2EdaQ8gBAM9KoGQ==
From: "AE5PL Lists" <HamLists@ametx.com>
Sender: bounce-aprsnews-839@lists.tapr.org
To: "APRS Announcements" <aprsnews@lists.tapr.org>
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <9F1E0A2562D60B43BAA4C87505322DFC02C953@ame-main.ametx.com>
Precedence: bulk
Content-Transfer-Encoding: 8bit
X-MIME-Autoconverted: from quoted-printable to 8bit by tapr.org id HAA17331

A live data version of Findu.com is now functional at
<http://findu.ae5pl.net> These are some of the differences between
findu.com and this site:

Graphical interface (.asp pages can be called directly just like the
.cgi pages on findu.com, if you want).

Live data feed using javAPRS.

No page reloads.

No wildcards.

No raw packet histories.

10 day historical archive for tracks and weather.

Compressed packets supported.

Mic-E packets supported.

No messages.

Static and live tracks.

Automatic update of NWS radar images.

Findu.com provides fantastic packet archival and static map support.
javAPRS findu provides a real time look into APRS. They both have their
place and I hope they will be seen as complimentary to each other.

I would like to use at least 2 more aprsD servers with port 10151
configured for a cache of about 30 minutes and which have big pipes to
spread the load. Port 10151 must also reflect the full Internet feed.
If you are an aprsD operator that would like to participate, please
contact me directly.

73,

Pete Loveall AE5PL
<http://www.ae5pl.net>
<mailto:pete@ae5pl.net>

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From bounce-aprsnews-839@lists.tapr.org Thu Feb 21 07:23:38 2002
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id HAA06297
for <lyris.aprsnews@tapr.org>; Thu, 21 Feb 2002 07:23:29 -0600 (CST)
Subject: [aprsnews] javAPRS 2.2b09 Released and javAPRS Findu Update
Date: Wed, 20 Feb 2002 14:31:58 -0600
MIME-Version: 1.0
Content-Type: multipart/mixed;
boundary="-----_=_NextPart_001_01C1BA4D.A51ADDE7"
Message-ID: <LYR839-64582-2002.02.21-07.54.38--
lyris.aprsnews@tapr.org>
X-MimeOLE: Produced By Microsoft Exchange V6.0.5762.3
X-MS-Has-Attach: yes
content-class: urn:content-classes:message
Thread-Topic: javAPRS 2.2b09 Released and javAPRS Findu Update
Thread-Index: AcG6TaNvizR1lCX+EdaQ8gBAM9KoGQ==
From: "AE5PL Lists" <HamLists@ametx.com>
Sender: bounce-aprsnews-839@lists.tapr.org
To: "APRS Announcements" <aprsnews@lists.tapr.org>
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <9F1E0A2562D60B43BAA4C87505322DFC02C974@ame-main.ametx.com>
Precedence: bulk

This is a multi-part message in MIME format.

-----_=_NextPart_001_01C1BA4D.A51ADDE7
Content-Type: text/plain;
charset="US-ASCII"
Content-Transfer-Encoding: quoted-printable

I have just uploaded build 09 of javARPS 2.2 to

<http://groups.yahoo.com/group/javaprs/files> (for members of the javAPRS mail list) You can also download the files from <http://javaprs.ae5pl.net>

Build 9 corrects a javAPRS error seen with some trackers that pass raw \$GPRMC strings and use the SSID for their icon identification. I also cleaned up initialization to try to reduce startup problems with certain browsers.

Remember that you only need to download the .cab and .jar files if you already have javAPRS on your web site or you don't use maps in the maps directory.

I have also updated <http://findu.ae5pl.net> with an option to display values using metric units (including the weather charts).

73,

Pete Loveall AE5PL
<http://www.ae5pl.net>
<mailto:pete@ae5pl.net>

-----_=_NextPart_001_01C1BA4D.A51ADDE7

Content-Type: text/x-vcard;

name="AE5PL.VCF"

Content-Transfer-Encoding: base64

Content-Description: AE5PL.VCF

Content-Disposition: attachment;

filename="AE5PL.VCF"

QkVHSU46VkNBukQNC1ZFU1NJT046Mi4xDQp00kxvdmVhbGw7UGV0ZXI7Uw0KRk46UGV0ZXIgLjYBMb3ZlYWxsDQpPUkc6QUU1UEwNC1RFTDtdIT01F01ZPSUNF0isxICg5NzIpIDgzOC00MTA3DQpURUw7SE9NRTtGQVg6KzEgKDk3MikgNTQyLTUxMDINCKFEUjtIT01F0js7MzYyNCBDUiA0MTM7TWVsaXNzYTtUWDs3NTQ1NC0zMDE001VuaXRlZCBTdGF0ZXMGb2YgQW1lcm1jYQ0KTEFCRUw7SE9NRTtFTkNPREl0Rz1RVU9URUQtUFJJTlRBQkxFOjM2MjQgQ1IgNDEzPTBEPTBBTWVsaXNzYSwgVFggNzU0NTQtMzAxND0wRD0wQVVuaXRlZCBTdGF0ZXMGb2YgQW1lcm1jYQ0KVVM0mh0dHA6Ly93d3cuYWU1cGwubmV0DQpFTUFJTDtQUkVGO010VEVSTkVUOnBldGVAYWU1cGwubmV0DQpSRVY6MTk50TEXMThUMDIyMDM2Wg0KRU5E01ZDQVJEDQo=

-----_=_NextPart_001_01C1BA4D.A51ADDE7--

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id HAA06315
for <lyris.aprsnews@tapr.org>; Thu, 21 Feb 2002 07:23:59 -0600 (CST)
Message-Id: <LYR839-64583-2002.02.21-07.55.02--
lyris.aprsnews@tapr.org@lists.tapr.org>
X-Sender: plkilroy@pop700.gsfc.nasa.gov
Date: Wed, 20 Feb 2002 11:29:17 -0500
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: Pat Kilroy <pat.kilroy@gsfc.nasa.gov>
Subject: [aprsnews] Help AMSAT DC Planning
Cc: garc-bb@garc-fs.gsfc.nasa.gov, aprsnews@lists.tapr.org
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <5.1.0.14.2.20020219160938.0419e090@pop700.gsfc.nasa.gov>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

The next local AMSAT D.C. meeting and space symposium is firming up for either Sunday afternoon, April 14 or April 21. (We ought to decide soon.) It will be at the NASA GSFC Visitor Center after all, even though it is, and has been, closed to the general public since September 11.

NEW FOR 2002

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I'm setting up a meeting to discuss these items and to plan for the event. If you can participate then please call now. THE ORGANIZATIONAL MEETING will be held at 12 noon on Sunday, March 3, at the AMSAT headquarters building in Silver Spring. You are invited; please RSVP.

No longer a one-man or a few-man show.

We look forward to the next annual AMSAT-dc meeting to be bigger and better, and more events to come this summer and fall.

Sincerely,

Pat
N8PK

```
=====
Patrick L. Kilroy                                     WK
BAT Integration & Test Manager    PHONE:  301-286-1984
NASA Goddard Space Flight Center FAX:    301-286-1673
Building 5, Mail Code 568        E-MAIL:  pat.kilroy@gsfc.nasa.gov
Greenbelt, Maryland 20771        WEB:     http://simsat.gsfc.nasa.gov
=====
```

Swift BAT <http://swift.gsfc.nasa.gov/scitech/instruments/bat.html>

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From bounce-aprsnews-839@lists.tapr.org Thu Feb 21 08:03:42 2002
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id IAA07782
for <lyris.aprsnews@tapr.org>; Thu, 21 Feb 2002 08:03:36 -0600 (CST)
Date: Thu, 21 Feb 2002 08:40:47 -0500
From: Alex <kr1st@amsat.org>
Subject: [aprsnews] Cybiko UI Messenger and UI Gate Update Available
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Reply-to: kr1st@amsat.org
Message-id: <LYR839-64590-2002.02.21-08.34.54--
lyris.aprsnews@tapr.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit
X-Accept-Language: en
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <3C74F8DF.8CA1E07B@amsat.org>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Hi there,

Updated software for the Cybiko is now available on my web site at:

<http://www.qsl.net/kr1st>

The following major changes have been made:

- Added Power Control to UI Messenger and UI Gate to increase the RF power
(A Cybiko always operates on low power for some reason. I found a way to increase it through software.)
- Added Access Control List to UI Gate
(You can now specify who has access to the gate.)
- Added TNC Settings Screen to UI Gate
(KISS ON/KISS OFF strings and baud rate can now also be set through UI Gate.)
- Added KISS Parameters Screen to UI Gate
(KISS Parameters can now also be set through UI Gate.)
- Added map of Europe + map covering Ireland/United Kingdom/Benelux
(The Cybiko is also sold in the UK.)

For details on any of the added features, please see the web site.

I also added a wav file to the web site for folks who would like to hear what the Cybiko sounds like on the air (on WFM).

I want to thank everyone who provided me with great feedback and who were willing to test my pre-release versions. I appreciate this help very much!

73s,
--Alex

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id JAA11385

for <lyris.aprsnews@tapr.org>; Thu, 21 Feb 2002 09:01:34 -0600 (CST)
Subject: [aprsnews] javAPRS Findu Update
Date: Thu, 21 Feb 2002 08:49:59 -0600
MIME-Version: 1.0
Content-Type: text/plain;
charset="US-ASCII"
Message-ID: <LYR839-64610-2002.02.21-09.32.52--
lyris.aprsnews#tapr.org@lists.tapr.org>
X-MimeOLE: Produced By Microsoft Exchange V6.0.5762.3
content-class: urn:content-classes:message
Thread-Topic: javAPRS Findu Update
Thread-Index: AcG65wi+gyidsiaUEdaQ8gBAM9KoGQ==
From: "AE5PL Lists" <HamLists@ametx.com>
Sender: bounce-aprsnews-839@lists.tapr.org
To: "APRS Announcements" <aprsnews@lists.tapr.org>
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <9F1E0A2562D60B43BAA4C87505322DFC02C980@ame-main.ametx.com>
Precedence: bulk
Content-Transfer-Encoding: 8bit
X-MIME-Autoconverted: from quoted-printable to 8bit by tapr.org id JAA11385

The javAPRS findu site (<http://findu.ae5pl.net>) has been updated to support a metric unit display option. It now supports all current versions of Internet Explorer and Netscape across all platforms (including Macintosh). Other browsers may or may not be supported. This is due to the various formats of signed JAR's used by different browsers.

As both IE and Netscape are free and they cover most operating systems and they are used by over 95% of the surfing community, I am going to leave the support focussed here so there won't be too many JAR types around and the JavaScript code required in standard html pages will be minimal. javAPRS Findu is server based so it does not put JavaScript in the page. The javAPRS example pages are not server based, however, so they contain the JavaScript code.

Have fun.

73,

Pete Loveall AE5PL
<http://www.ae5pl.net>
<mailto:pete@ae5pl.net>

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id GAA09889
for <lyris.aprsnews@tapr.org>; Fri, 22 Feb 2002 06:52:32 -0600 (CST)
Content-Class: urn:content-classes:message
Message-ID: <LYR839-64802-2002.02.22-07.23.48--
lyris.aprsnews#tapr.org@lists.tapr.org>
Content-Transfer-Encoding: 7bit
X-MimeOLE: Produced By Microsoft MimeOLE V5.50.4133.2400
Date: Fri, 22 Feb 2002 04:04:25 -0800
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: "Pat Kilroy" <pat.kilroy@gsfc.nasa.gov>
Subject: [aprsnews] Help AMSAT DC Planning
Cc: <garc-bb@garc-fs.gsfc.nasa.gov>, <aprsnews@lists.tapr.org>
MIME-Version: 1.0
Content-Type: text/plain; format=flowed; charset="us-ascii"
List-Unsubscribe: <mailto:leave-aprsnews-19601M@lists.tapr.org>
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <6abd101c1bb99\$125e87e0\$0c03ca0a@cp98suwbm01>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk
X-OriginalArrivalTime: 21 Feb 2002 13:33:03.0094 (UTC)
FILETIME=[49732960:01C1BADC]

The next local AMSAT D.C. meeting and space symposium
is firming up for either Sunday afternoon, April 14 or
April 21. (We ought to decide soon.) It will be at the
NASA GSFC Visitor Center after all, even though it is,
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September 11.

NEW FOR 2002

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No longer a one-man or a few-man show.

We look forward to the next annual AMSAT-dc meeting to be bigger and better, and more events to come this summer and fall.

Sincerely,

Pat
N8PK

```
=====
Patrick L. Kilroy                                     WK
BAT Integration & Test Manager    PHONE:  301-286-1984
NASA Goddard Space Flight Center FAX:    301-286-1673
Building 5, Mail Code 568        E-MAIL:  pat.kilroy@gsfc.nasa.gov
Greenbelt, Maryland 20771        WEB:    http://simsat.gsfc.nasa.gov
=====
```

Swift BAT <http://swift.gsfc.nasa.gov/scitech/instruments/bat.html>

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id OAA07121
for <lyris.aprsnews@tapr.org>; Mon, 4 Mar 2002 14:08:53 -0600 (CST)
X-Sent: 4 Mar 2002 19:47:20 GMT
Subject: [aprsnews] Re: [aprssig] Re: findu.com backup server project
Date: Mon, 4 Mar 2002 14:47:19 -0500
x-sender: sdimse@mail.telocity.com
From: Steve Dimse <k4hg@tapr.org>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Sender: bounce-aprsnews-839@lists.tapr.org
Message-Id: <LYR839-66511-2002.03.04-14.40.45--
lyris.aprsnews#tapr.org@lists.tapr.org>
Precedence: bulk

Please forward this reply to other APRS related mailing lists...

On 3/4/02 9:08 AM Guy.Story@levi.flyingpig.net
(Guy.Story@levi.flyingpig.net) wrote:

>>
>> Will Tigerbyte be allowed to advertize on the new Findu server in return
>> for the donation of bandwidth of the T1 line?
>
>This was not brought up by Clint and I do not expect Tigerbyte to post any
>ads on it. I am an employee of Tigerbyte as well. When I talked to Clint
>about this, it was made clear it is an Amateur Radio Project, not a means to
>generate revenue for us.
>
Let me make this absolutely clear: findU will not be used to generate
revenue for any entity. The new server is to be a mirror of my server,
which does not contain any ads or commercial content, nor will it ever.
Last month (a short one at that) the server got over 1.6 million hits, an
incredible number for an amateur radio site. I'm proud of the system and
I'm not about to abandon it, nor am I going to allow anyone else to
profit from it and cheapen what I've accomplished.

DCARC, like TAPR, is an honorable organization, and I fully endorse their
efforts. This server will be under the control of DCARC, because they
were the first and only group to come up with a workable plan for
providing a backup server. However, it will belong to the APRS community

as a whole, in spirit if not law. As far as I'm concerned DCARC are merely the custodians, because someone needs to be.

In the extremely unlikely event something were to happen with the server that I felt compromised my principles, I would fight tooth and nail to get the server moved to some other group or individual that would more properly manage the resource. Those of you that have been around APRS for a while have seen my actions through the QSY effort and the APRS WG formation. While you may not always agree with my opinions, you know I'm one to translate those opinions into action and get results, and I simply will not tolerate commercialization of findU.

By the way, commercialization is the primary reason I've not open-sourced my code. I've gotten a surprising number of requests from persons inside the GIS industry to either give or sell them my code, or consult for them. After looking at a lot of the commercial systems, the entire APRS system really holds its own, and on many counts including (in-my-not-so-humble-opinion) findU, it is better than anything else out there. Winning the Earthlink AVL competition to me was objective confirmation of this opinion. If my code were GPL'ed, it would probably be used in commercial systems. I get my satisfaction from producing a useful system that does cool things, and letting people use it for free. I'm lucky enough not to need to charge for it, and I wouldn't like to see other people making money from my efforts either.

I had expected that the Linux Lunacy Geek Cruise I went on last October would convince me once and for all of the benefits of free (as in speech) software. In fact, it had the opposite effect...I spent a lot of time with the infamous RMS (Richard Stallman, president of the Free Software Foundation) since we ate dinner at the same six person table. Let's just say the discussion was as enjoyable as, and far spicier than, the Holland America food! After all the arguments and much contemplation, I've come to agree with the also infamous ESR (Eric Raymond, also on the cruise, talk about storm-at-sea!), that RMS and FSF are seeking power, not freedom. Now that I really understand it, I find the FSF vision of the world a far scarier place than even a Microsoft controlled world. Software is a creative work (RMS agrees), the disposition of which rightfully belongs in the hands of the creator or their employer (RMS turns red and starts screaming, because useful creations like a home improvement TV show, how-to book, or software program, morally belong to the collective). I believe the decision to donate code to the public good is an altruistic act, not a moral imperative, and a choice deserving admiration, not expectation.

My choice for now is to keep control of the code, and provide a service to the community for free (as in beer!). Not a purely altruistic decision, but the one I am most comfortable with. In the event I someday lose interest in findU, it will be passed to someone else for

development, as javAPRS eventually was (and BTW Pete is doing a great job with it).

I've made good on my pledge to donate \$100 to the fundraising effort, and I hope all those that have offered me money over recent weeks or in the past, as well as all those that use findU and consider it useful, will donate money for this effort, and do it now.

What the TAPR board has discussed doing is not to charge credit cards or cash checks until the fund approaches the cost of the server, and I think this is a reasonable approach. I hope this is not a problem, it certainly wouldn't make me feel that the last two years building findU have been appreciated! This is not money that can trickle in over a period of months. If you plan to donate, do it now so APRS can get the backup findU server it needs.

Steve K4HG

P.S. To save overworked and under-appreciated Stan some aggravation, PLEASE, no on-sig discussions about free or open source philosophies. I took the liberty because my plans directly affect APRS and the current issue of the backup server. I think it is important for you to know where I stand and at least respect, if not to agree with, my decision, since it is your money on the line. I'm glad to entertain thoughtful discussion on the subject by email, but the APRS SIG is NOT the place for it.

The Not-So-Infamous SSD ;-)

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From bounce-aprsnews-839@lists.tapr.org Thu Mar 14 09:28:14 2002
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id JAA07705
for <lyris.aprsnews@tapr.org>; Thu, 14 Mar 2002 09:28:13 -0600 (CST)
content-class: urn:content-classes:message
Subject: [aprsnews] NWS Radar Coordinates Updated
MIME-Version: 1.0
Content-Type: text/plain;
charset="US-ASCII"
Date: Thu, 14 Mar 2002 08:50:14 -0600
Message-ID: <LYR839-68438-2002.03.14-10.00.27--
lyris.aprsnews@tapr.org@lists.tapr.org>

X-MimeOLE: Produced By Microsoft Exchange V6.0.5762.3
Thread-Topic: NWS Radar Coordinates Updated
Thread-Index: AcHLZ4xrg1Nq1DcZEdaQ8gBAM9KoGQ==
From: "AE5PL Lists" <HamLists@ametx.com>
Sender: bounce-aprsnews-839@lists.tappr.org
To: "APRS Announcements" <aprsnews@lists.tappr.org>
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tappr.org>>
X-Message-Id: <9F1E0A2562D60B43BAA4C87505322DFC04C82F@ame-main.ametx.com>
Precedence: bulk
Content-Transfer-Encoding: 8bit
X-MIME-Autoconverted: from quoted-printable to 8bit by tappr.org id JAA07705

I have updated <http://www.ae5pl.net/nwsradar.asp> (1 deg lat = 1 deg long) and <http://www.ae5pl.net/nwsradars.asp> (stereographic projection) to better reflect the 124 nm radius of the radar images. The change will have little effect on projections within a 50 mile radius of the radar site, but should be noticeable the closer a station is to the edge of the radar range.

Note that only the gif top, left, bottom, and right coordinates have changed. All other parameters remain unchanged.

73,

Pete Loveall AE5PL
<http://www.ae5pl.net>
<mailto:pete@ae5pl.net>

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From bounce-aprsnews-839@lists.tappr.org Fri Mar 15 14:03:44 2002
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id OAA29594
for <lyris.aprsnews@tappr.org>; Fri, 15 Mar 2002 14:03:38 -0600 (CST)
Message-Id: <LYR839-68723-2002.03.15-14.35.58--
lyris.aprsnews@tappr.org>
X-Sender: plkilroy@pop700.gsfc.nasa.gov
Date: Fri, 15 Mar 2002 13:26:37 -0500
To: "APRS Announcements" <aprsnews@lists.tappr.org>

From: Pat Kilroy <pat.kilroy@gsfc.nasa.gov>
Subject: [aprsnews] AMSAT-DC MEETING AND SPACE SEMINAR May 5
Cc: "ANS Dan" <nn0dj@AMSAT.Org>, "WA3NAN" <garc-bb@garc-fs.gsfc.nasa.gov>,
aprsnews@lists.tappr.org, amsat-bb@AMSAT.Org,
simsat@listserv.gsfc.nasa.gov
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"; format=flowed
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tappr.org>>
X-Message-Id: <5.1.0.14.2.20020315090712.041dc080@pop700.gsfc.nasa.gov>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk
Content-Transfer-Encoding: 8bit
X-MIME-Autoconverted: from quoted-printable to 8bit by tappr.org id 0AA29594

AMSAT-DC MEETING AND SPACE SEMINAR

All space enthusiasts and amateur satellite operators are invited to the next Maryland-DC area AMSAT Meeting and Space Seminar. This includes students, teachers, parents and all Amateur Radio operators! The gathering will take place on Sunday, May 5, 2002, starting at 1:00 p.m. EDT in the auditorium of the Visitor Center at the NASA Goddard Space Flight Center (GSFC) in Greenbelt, Maryland.

All topics at the seminar relate to the amateur space program, Amateur Radio, homebrew electronic projects, high-altitude balloon experiments, telemetry, and related items. We'll include the hottest AO-40, ARISS, and all the "New-Sats" news and user setup & operating tips.

The format is a combination of presentations, informal "show 'n' tell" demonstrations and a social period. Normally the first presentations and the keynote address are designed to be especially valuable to beginners.

All aspects of this seminar are brought to you by unpaid, uncompensated volunteers. The high quality of past seminars have received excellent reviews. You may see last year's report at our web site to get an idea what is anticipated: <http://simsat.gsfc.nasa.gov/ssamsatdc.html>

Informal talk-in is on WA3NAN/R 146.835 MHz Greenbelt, Md.
The Visitor Center phone number is 301-286-8981.

Unlike previous meeting years, the NASA GSFC Visitor Center is NOT open to the public due to security restrictions related to September 11. The GSFC Gift Shop there is open to the public ONLY on weekdays.

Donations will be accepted to help offset the associated seminar costs. Free paved parking.

The meeting place coordinates are roughly N 38° 59' 34.8", W076° 50' 48.8". For a map and directions go to either <http://pao.gsfc.nasa.gov/gsfsc/welcome/gsfscmap/gsfscmap.htm> or: <http://www.mapquest.com> using the GSFC ZIP Code 20771. Enter from Explorer Road off of Soil Conservation Service Road.

This meeting is open to all. Please forward this message, print this out, post it and SPREAD THE WORD.

Hope to see you there!

Sincerely,

Pat Kilroy, N8PK
AMSAT Area Coordinator (MDC Section)
E-mail: n8pk@amsat.org

```
=====
Patrick L. Kilroy                                     WK
BAT Integration & Test Manager    PHONE:  301-286-1984
NASA Goddard Space Flight Center FAX:    301-286-1673
Building 5, Mail Code 568        E-MAIL:  pat.kilroy@gsfc.nasa.gov
Greenbelt, Maryland 20771        WEB:    http://simsat.gsfc.nasa.gov
=====
```

Swift BAT <http://swift.gsfc.nasa.gov/scitech/instruments/bat.html>

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])

by tapr.org (8.9.3/8.9.3/1.13) with SMTP id OAA01784
for <lyris.aprsnews@tapr.org>; Tue, 26 Mar 2002 14:37:57 -0600 (CST)
X-Sent: 26 Mar 2002 20:33:51 GMT
Subject: [aprsnews] APRS IS stream monitoring site
Date: Tue, 26 Mar 2002 15:33:51 -0500
x-sender: sdimse@mail.telocity.com
From: Steve Dimse <k4hg@tapr.org>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
Sender: bounce-aprsnews-839@lists.tapr.org
Message-Id: <LYR839-70805-2002.03.26-15.10.45--
lyris.aprsnews#tapr.org@lists.tapr.org>
Precedence: bulk

I played a bit more with my stream monitoring tool, it is now more efficient, ignores the first and last 100 lines in a file, automatically cuts off the data capture after a specified number of seconds, and most importantly, writes the output as a set of web pages.

I have this running once an hour, the cycle initiates at 22 minutes past the hour, by the half hour mark the new pages are posted:

<http://www.findu.com/stream/>

For each test there is a link to a page showing the callsign and the payload of the unmatched packets. These if there is a problem with the connection to one of the servers, the error rates will be very high. This may or may not represent a problem with the server, diagnosing problems still takes effort, this is just a tool. Cavet emptor!

The new program files are available at the same link:

<http://www.findu.com/stream.gz>

Steve K4HG

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Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id GAA12143
for <lyris.aprsnews@tappr.org>; Thu, 28 Mar 2002 06:45:59 -0600 (CST)
X-Sent: 28 Mar 2002 00:16:39 GMT
Subject: [aprsnews] New zip codes on findU!
Date: Wed, 27 Mar 2002 19:16:40 -0500
x-sender: sdimse@mail.telocity.com
From: Steve Dimse <k4hg@tappr.org>
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
Sender: bounce-aprsnews-839@lists.tappr.org
Message-Id: <LYR839-71094-2002.03.28-07.18.51--
lyris.aprsnews#tappr.org@lists.tappr.org>
Precedence: bulk

You never know what you are going to find when trolling cpan.org...today
I found a routine (WWW::MapBlast) that queries MapBlast for lat/lons of
zipcodes from many countries. I've updated the cgi's which accept zip
codes to accept a new form. If you supply just a zip code, it queries the
same old US database as before:

<http://www.findu.com/cgi-bin/map-near.cgi?zip=33042>

Now though, you can add an additional parameter of country which forces
the MapBlast lookup (even for USA):

<http://www.findu.com/cgi-bin/nearwx.cgi?zip=33042&country=United States>

<http://www.findu.com/cgi-bin/wl-near.cgi?zip=M5S 2C6&country=Canada>

A lot of people outside the US have asked for this, enjoy!

These are the cgi's which accept this new form:

near.cgi
map-near.cgi
nearwx.cgi
wxnear.cgi
wl-near

Here is a list of the countries it knows. It is lifted from the source code, so the formatting is bad, sorry. (If anyone wants to reformat the list for me so it just contains the full names, I'd appreciate it!) You must enter the country name in the long form ("United States" not "USA") shown here, capitalization counts!

```
"United
States"=>"USA", "AFG"=>"Afghanistan", "Albania"=>"ALB", "Algeria"=>"DZA",
    "American
Samoa"=>"ASM", "Andorra"=>"AND", "Angola"=>"AGO", "Anguilla"=>"AIA",
    "Antigua and
Barbuda"=>"ATG", "Argentina"=>"ARG", "Armenia"=>"ARM", "Aruba"=>"ABW",

"Australia"=>"AUS", "Austria"=>"AUT", "Azerbaijan"=>"AZE", "Bahamas"=>"BHS",

"Bahrain"=>"BHR", "Bangladesh"=>"BGD", "Barbados"=>"BRB", "Belarus"=>"BLR",
    "Belgium"=>"BEL", "Belize"=>"BLZ", "Benin"=>"BEN", "Bermuda"=>"BMU",
    "Bhutan"=>"BTN", "Bolivia"=>"BOL", "Bosnia and
Herzegovina"=>"BIH", "Botswana"=>"BWA",
    "Brazil"=>"BRA", "British Virgin Islands"=>"VGB", "Brunei
Darussalam"=>"BRN",
    "Bulgaria"=>"BGR", "Burkina
Faso"=>"BFA", "Burundi"=>"BDI", "Cambodia"=>"KHM",
    "Cameroon"=>"CMR", "Canada"=>"CAN", "Cape Verde"=>"CPV", "Cayman
Islands"=>"CYM",
    "Central African Republic"=>"CAF", "Chad"=>"TCD",
    "Chile"=>"CHL", "China"=>"CHN", "Colombia"=>"COL", "Comoros"=>"COM",
    "Congo"=>"COG", "Cook Islands"=>"COK", "Costa
Rica"=>"CRI", "Croatia"=>"HRV",
    "Cuba"=>"CUB", "Cyprus"=>"CYP", "Czech
Republic"=>"CZE", "Denmark"=>"DNK",
    "Djibouti"=>"DJI", "Dominica"=>"DMA", "Dominican
Republic"=>"DOM", "Ecuador"=>"ECU",
    "Egypt"=>"EGY", "El Salvador"=>"SLV", "Equatorial
Guinea"=>"GNQ", "Eritrea"=>"ERI",
    "Estonia"=>"EST", "Ethiopia"=>"ETH", "Falkland
Islands"=>"FLK", "Faroe Islands"=>"FRO",
    "Fiji"=>"FJI", "Finland"=>"FIN", "France"=>"FRA", "French
Guiana"=>"GUF",
    "French
Polynesia"=>"PYF", "Gabon"=>"GAB", "Gambia"=>"GMB", "Georgia"=>"GEO",

"Germany"=>"DEU", "Ghana"=>"GHA", "Gibraltar"=>"GIB", "Greece"=>"GRC",

"Greenland"=>"GRL", "Grenada"=>"GRD", "Guadeloupe"=>"GLP", "Guatemala"=>"GTM",

    "Guinea"=>"GIN", "Guinea
```

Bissau"=>"GNB", "Guyana"=>"GUY", "Haiti"=>"HTI",
"Honduras"=>"HND", "Hong
Kong"=>"HKG", "Hungary"=>"HUN", "Iceland"=>"ISL",
"India"=>"IND", "Indonesia"=>"IDN", "Iran"=>"IRN", "Iraq"=>"IRQ",
"Ireland"=>"IRL", "Israel"=>"ISR", "Italy"=>"ITA", "Ivory
Coast"=>"CIV",

"Jamaica"=>"JAM", "Japan"=>"JPN", "Jordan"=>"JOR", "Kazakhstan"=>"KAZ",

"Kenya"=>"KEN", "Kiribati"=>"KIR", "Kuwait"=>"KWT", "Kyrgyzstan"=>"KGZ",
"Laos"=>"LAO", "Latvia"=>"LVA", "Lebanon"=>"LBN", "Lesotho"=>"LSO",

"Liberia"=>"LBR", "Libya"=>"LBY", "Liechtenstein"=>"LIE", "Lithuania"=>"LTU",

"Luxembourg"=>"LUX", "Macau"=>"MAC", "Macedonia"=>"MKD", "Madagascar"=>"MDG",
"Malawi"=>"MWI", "Malaysia"=>"MYS", "Maldives"=>"MDV", "Mali"=>"MLI",
"Malta"=>"MLT", "Marshall
Islands"=>"MHL", "Martinique"=>"MTQ", "Mauritania"=>"MRT",

"Mauritius"=>"MUS", "Mexico"=>"MEX", "Micronesia"=>"FSM", "Moldova"=>"MDA",

"Monaco"=>"MCO", "Mongolia"=>"MNG", "Montserrat"=>"MSR", "Morocco"=>"MAR",

"Mozambique"=>"MOZ", "Myanmar"=>"MMR", "Namibia"=>"NAM", "Nepal"=>"NPL",
"Netherlands"=>"NLD", "Netherlands Antilles"=>"ANT", "New
Caledonia"=>"NCL", "New Zealand"=>"NZL",
"Nicaragua"=>"NIC", "Niger"=>"NER", "Nigeria"=>"NGA", "Norfolk
Island"=>"NFK",
"North Korea"=>"PRK", "Northern Mariana
Islands"=>"MNP", "Norway"=>"NOR", "Oman"=>"OMN",
"Pakistan"=>"PAK", "Palau"=>"PLW", "Panama"=>"PAN", "Papua New
Guinea"=>"PNG",

"Paraguay"=>"PRY", "Peru"=>"PER", "Philippines"=>"PHL", "Poland"=>"POL",
"Portugal"=>"PRT", "Puerto
Rico"=>"PRI", "Qatar"=>"QAT", "Reunion"=>"REU",
"Romania"=>"ROM", "Russia"=>"RUS", "Rwanda"=>"RWA", "Saint
Helena"=>"SHN",
"Saint Kitts and Nevis"=>"KNA", "Saint Lucia"=>"LCA", "Saint Pierre
and Miquelon"=>"SPM", "Saint
Vincent/Grenadines"=>"VCT", "Samoa"=>"WSM", "San Marino"=>"SMR",
"Saotome and Principe"=>"STP", "Saudi
Arabia"=>"SAU", "Senegal"=>"SEN", "Seychelles"=>"SYC",
"Sierra Leone"=>"SLE", "Singapore"=>"SGP", "Slovak
Republic"=>"SVK", "Slovenia"=>"SVN",
"Solomon Islands"=>"SLB", "Somalia"=>"SOM", "South
Africa"=>"ZAF", "South Korea"=>"KOR",

"Spain"=>"ESP", "Sri Lanka"=>"LKA", "Sudan"=>"SDN", "Suriname"=>"SUR",
"Swaziland"=>"SWZ", "Sweden"=>"SWE", "Switzerland"=>"CHE", "Syria"=>"SYR",
"Taiwan"=>"TWN", "Tajikistan"=>"TJK", "Tanzania"=>"TZA", "Thailand"=>"THA",
"Togo"=>"TGO", "Tokelau"=>"TKL", "Tonga"=>"TON", "Trinidad and Tobago"=>"TTO",
"Tunisia"=>"TUN", "Turkey"=>"TUR", "Turkmenistan"=>"TKM", "Turks and Caicos Islands"=>"TCA",
"Uganda"=>"UGA", "Ukraine"=>"UKR", "United Arab Emirates"=>"ARE", "United Kingdom"=>"GBR",
"United States"=>"USA", "US Virgin Islands"=>"VIR", "Uruguay"=>"URY", "Uzbekistan"=>"UZB",
"Vanuatu"=>"VUT", "Vatican"=>"VAT", "Venezuela"=>"VEN", "Vietnam"=>"VNM",
"Western Sahara"=>"ESH", "Yemen"=>"YEM", "Yugoslavia"=>"YUG", "Zambia"=>"ZMB",
"Zimbabwe"=>"ZWE"

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Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id OAA13672
for <lyris.aprsnews@tappr.org>; Tue, 2 Apr 2002 14:41:45 -0600 (CST)
From: "Rob Wittner" <rmw@rwa-inc.com>
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Subject: [aprsnews] New APRS/CE available
Date: Tue, 2 Apr 2002 13:59:28 -0500
Message-ID: <LYR839-71898-2002.04.02-15.14.08--
lyris.aprsnews@tappr.org@lists.tappr.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit
X-Priority: 3 (Normal)
X-MSMail-Priority: Normal
Importance: Normal
In-Reply-To: <LYR8938-71094-2002.03.28-07.18.51--rmw@rwa-inc.com@lists.tappr.org>
X-MimeOLE: Produced By Microsoft MimeOLE V6.00.2600.0000
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tappr.org>>
X-Message-Id: <004e01c1da78\$843597c0\$d8485d0c@io>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

As the old beta has expired, please check: <http://www.tappr.org/~aprsce/> for
a new one.

I believe I'm on the right track to have the installation program handle HPC
2000 devices (Jornada 720) and the ePods devices. Users of those devices
are encouraged to try the install out and send me feedback as soon as
possible.

Please keep your feedback coming...

73,

-Rob
KZ5RW

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id KAA24014
for <lyris.aprsnews@tapr.org>; Fri, 5 Apr 2002 10:18:14 -0600 (CST)
Subject: [aprsnews] javAPRS Findu Update
MIME-Version: 1.0
Content-Type: text/plain;
charset="US-ASCII"
Date: Fri, 5 Apr 2002 09:32:35 -0600
Message-ID: <LYR839-72451-2002.04.05-10.51.31--
lyris.aprsnews@tapr.org>
X-MimeOLE: Produced By Microsoft Exchange V6.0.5762.3
content-class: urn:content-classes:message
Thread-Topic: javAPRS Findu Update
Thread-Index: AcHctxyRgUdcRUhXEdaQ8gBAM9KoGQ==
From: "AE5PL Lists" <HamLists@ametx.com>
Sender: bounce-aprsnews-839@lists.tapr.org
To: "APRS Announcements" <aprsnews@lists.tapr.org>
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <9F1E0A2562D60B43BAA4C87505322DFC04C922@ame-main.ametx.com>
Precedence: bulk
Content-Transfer-Encoding: 8bit
X-MIME-Autoconverted: from quoted-printable to 8bit by tapr.org id KAA24014

I have updated certain <http://findu.ae5pl.net> pages to take a latitude and longitude instead of a station ID/callsign. There are now two GUI interfaces: one based on a station ID/callsign being entered and one based on a grid square or latitude/longitude pair being entered. If you have links that go directly to one of the .asp pages, those links still work correctly.

javAPRS Findu is now using javAPRS 2.2 build 17 which has a map-follows-station function and a dead reckoning function for single stations.

73,

Pete Loveall AE5PL
<http://www.ae5pl.net>

mailto:pete@ae5pl.net

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From bounce-aprsnews-839@lists.tapr.org Sat Apr 6 10:38:57 2002
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id KAA17652
for <lyris.aprsnews@tapr.org>; Sat, 6 Apr 2002 10:38:51 -0600 (CST)
User-Agent: Microsoft-Entourage/10.0.0.1331
Date: Sat, 06 Apr 2002 11:38:17 -0500
Subject: [aprsnews] FW: NOAA Environmental Hero Award to APRS person
From: Stan Horzepa <stanzepa@earthlink.net>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Message-ID: <LYR839-72601-2002.04.06-11.12.04--
lyris.aprsnews#tapr.org@lists.tapr.org>
In-Reply-To: <005101c1dd1c\$72fb9e40\$f7925ecc@qwest.net>
Mime-version: 1.0
Content-type: text/plain; charset="ISO-8859-1"
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <B8D48EA9.3384%stanzepa@earthlink.net>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk
Content-Transfer-Encoding: 8bit
X-MIME-Autoconverted: from quoted-printable to 8bit by tapr.org id KAA17652

Russ, KB0TVJ, asked me to pass along this news.

73,

Stan, WA1LOU

----- Forwarded Message

From: "Russ Chadwick" <kb0tvj@peakpeak.com>
Date: Sat, 6 Apr 2002 04:37:58 +0100
To: <wxsig@lists.tapr.org>
Cc: <russ@wxqa.com>, <stanzepa@earthlink.net>
Subject: NOAA Environmental Hero Award to APRS person

Each year NOAA (National Oceanic and Atmospheric Administration) gives a number of Environmental Hero Awards to people who don't work for NOAA, but have contributed a great deal to NOAA's ongoing job of providing environmental services to the citizens of the United States. This year NOAA's Oceanic and Atmospheric Research Office gave five of these awards and one of them went to an amateur radio operator deeply involved in APRS.

On April 6, the office of David Evans, the Associate Administrator of NOAA in charge of research sent out an e-mail with this statement,

.....

I am pleased to announce the NOAA Research winners of NOAA's Environmental Hero Award. This award is for "real people" outside of NOAA who have volunteered their time or who have worked closely with NOAA through their respective organizations. Please join me in extending congratulations to the winners.

Name: Dr. Steve Dimse

Organization/Location: Cudjoe Key, FL

Accomplishment: real-time citizen weather observations

NOAA Nominating Division: NOAA Research

.....

After that there were four other names or organizations with these accomplishments:

Environmental awareness/safe and pollution free Hawaii

Development of GFDL hurricane forecast system

Assisted with CMDL Cooperative Global Air Sampling Network

Conservation of Great Lakes Fisheries

Each of these winners will receive a signed letter of appreciation from the NOAA Administrator.

Steve Dimse has been instrumental in developing the network of citizen and ham radio weather observers who send in their data to findu.com. Presently there are about 570 registered stations and about 350 to 390 are contributing data at any one time.

The contributed data are used for numerical weather prediction research at NOAA's Forecast Systems Laboratory (FSL) and for training and research at the National Center for Atmospheric Research (NCAR), both in Boulder, CO. The data are sent to the National Center for Environmental Prediction (NCEP) in Camp Springs, MD. In Florida, the data are used by NWS Weather Forecast

Offices for local area weather prediction. They are also used at Kennedy Space Center (KSC) for weather prediction in support of launch operations. The data are also used by the Long Island Railroad for weather monitoring along their routes. This summer the data will be used for a major temperature and air quality study in the New England area.

Congratulations to Steve for his award and thanks to all of you who go to the trouble and expense of setting up a weather station and sending your data to findu.com. All of your weather data are being put to good use. What better way to do the type of citizen public service that President Bush recently called for.

Russ Chadwick KB6TVJ
Boulder, Colorado
www.wxqa.com

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From bounce-aprsnews-839@lists.tapr.org Sun Apr 21 16:22:30 2002
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id QAA10654
for <lyris.aprsnews@tapr.org>; Sun, 21 Apr 2002 16:22:24 -0500 (CDT)
User-Agent: Microsoft-Entourage/10.0.0.1331
Date: Sun, 21 Apr 2002 17:21:57 -0400
Subject: [aprsnews] 2002 Dayton APRS Web Page
From: Stan Horzempa <stanzepa@earthlink.net>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Message-ID: <LYR839-75617-2002.04.21-16.56.24--
lyris.aprsnews@tapr.org@lists.tapr.org>
Mime-version: 1.0
Content-type: text/plain; charset="ISO-8859-1"
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <B8E8A5B5.3CC7%stanzepa@earthlink.net>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk
Content-Transfer-Encoding: 8bit
X-MIME-Autoconverted: from quoted-printable to 8bit by tapr.org id QAA10654

The Dayton Hamvention is only four weeks away. It is the biggest congregation of hams in the U.S., if not the world, and the biggest congregation of APRS users, too. As a result, there is a lot going on APRS-wise at Dayton.

So you won't miss a thing, there is now a new Web page (<http://www.tapr.org/~wallou/2002/2002.html>) that is intended to document APRS-related activities planned for the 2002 installment of the Hamvention.

That page lists the following APRS-related information:

>>> Forums that are APRS-related.

>>> APRS-related companies, organizations, and individuals who will be camped out at some location in the Hara Arena or in the flea market.

>>> Other APRS-related activities.

>>> A list of your APRS compatriots who are planning to go to the Hamvention.

Please email me (wallou@arrl.net) any additional information you may have regarding Dayton APRS activity. Here are some things I'd like to add:

>>> Where the APRS authors will be camped out. Is WB4APR going to be at the AMSAT booth as in the past? Where will the Sproul Bros. be this year? How about the rest of you APRS authors?

>>> Is there going to be an APRS Pizza Party this year?

>>> If you are planning to go to Dayton, let me know and I will add you to the ≥Whom's going to Dayton's list.

>>> Also, regarding the information on how to APRS in Dayton. Is the information on the Web site current? If not, can somebody send me an update?

Have Fun,

Stan Horzempa, WA1LOU

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Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id KAA27235
for <lyris.aprsnews@tappr.org>; Wed, 24 Apr 2002 10:41:55 -0500 (CDT)
Date: Wed, 24 Apr 2002 11:21:33 -0400
From: John Ackermann N8UR <jra@febo.com>
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Subject: [aprsnews] Digital BASH Update
Message-ID: <LYR839-76172-2002.04.24-11.15.22--
lyris.aprsnews#tappr.org@lists.tappr.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit
Content-Disposition: inline
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tappr.org>>
X-Message-Id: <12010740.1019647293@WUSJA129861-8HP>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

We're very happy to announce that Bdale Garbe, KB0G, will be the keynote speaker at the TAPR/MVFMA Digital BASH on Friday evening at Hamvention.

Bdale is one of the long-time "good guys" in the digital radio and amateur satellite worlds. He was in the middle of the early work on KA9Q's "NET" and "NOS" programs, pioneered megabit-rate packet radio, and in the satellite world was heavily involved in the RUDAK and AO-40 GPS experiments. Back in the Old Days, he was a board member and Vice President of TAPR, and remains one of TAPR's best friends. On a different front, Bdale was just elected as Debian Project Leader, so he now oversees one of the major Linux distributions -- and the one that is by far the most ham-friendly. Bdale works in the Linux development group at HP, and in his spare (?) time does VHF/UHF/microwave contesting and roaming.

Bdale's talk will blend all of these interests into an entertaining and informative presentation titled "From Bits in the Basement to Debian -- and Back Again".

You can find more information about the Digital BASH and TAPR's other Hamvention activities at <http://www.tappr.org/tappr/dayton/>.

See you there!

73,
John

John Ackermann	N8UR	jra@febo.com	http://www.febo.com
President, TAPR		n8ur@tapr.org	http://www.tapr.org

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From bounce-aprsnews-839@lists.tapr.org Fri Apr 26 09:48:29 2002
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id JAA23873
for <lyris.aprsnews@tapr.org>; Fri, 26 Apr 2002 09:48:29 -0500 (CDT)
X-Originating-IP: 64.69.101.50
X-URL: <http://www.mail2web.com/>
Subject: [aprsnews] The Floating APRS Forum at Dayton
Sender: bounce-aprsnews-839@lists.tapr.org
From: "stanzepa@earthlink.net" <stanzepa@earthlink.net>
Date: Fri, 26 Apr 2002 10:47:52 -0400
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Reply-To: stanzepa@earthlink.net
X-Priority: 3
X-MSMail-Priority: Normal
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Message-ID: <LYR839-76666-2002.04.26-10.22.27--
lyris.aprsnews@lists.tapr.org>
X-OriginalArrivalTime: 26 Apr 2002 14:47:52.0264 (UTC)
FILETIME=[57A42480:01C1ED31]
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <RELAY3wR5chK6m7swxv000025ad@relay3.softcomca.com>
Precedence: bulk
Content-Transfer-Encoding: 8bit
X-MIME-Autoconverted: from Quoted-Printable to 8bit by tapr.org id JAA23873

There are two APRS forums at the Dayton Hamvention this year: an hour-long forum moderated by WA1LOU and a half-forum moderated by K4HG (which is really part of the TAPR Digital/Packet forum). In order to get more bang for our buck, K4HG and WA1LOU have joined forces to present the ifloating APRS forum at Dayton this year. Instead of having the same speakers speaking at both forums, each part of the floating forum will have a unique list of speakers.

Part 1 of the forum is on Friday, 9:30-10:30 AM in Room 3. The speakers at Part 1 will be Bob Bruninga, WB4APR, Dale Huguley, KG5QD, Mike Musick, N0QBF, and Keith and/or Mark Sproul, WU2Z and/or KB2ICI.

Part 2 of the forum is on Friday, 11:30 AM ñ 12:00 PM in Room 1. The speakers at Part 2 will be Steve Dimse, K4HG, and Michael Cai, KF6ZDM.

For updates about the floating forum and everything else going on at Dayton APRS-wise, check the 2002: APRS Dayton Odyssey Web page (<http://www.tapr.org/~wallou/2002/2002.html>).

mail2web - Check your email from the web at
<http://mail2web.com/> .

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Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id GAA27814
for <lyris.aprsnews@tappr.org>; Fri, 3 May 2002 06:50:49 -0500 (CDT)
Date: Thu, 02 May 2002 20:26:04 -0400
From: "John R. Ackermann" <jra@febo.com>
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Subject: [aprsnews] Spring _Packet_Status_Register_ Available Online
Message-ID: <LYR839-77640-2002.05.03-07.25.22--
lyris.aprsnews#tappr.org@lists.tappr.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit
Content-Disposition: inline
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
X-Message-Id: <457392225.1020371164@[192.168.1.26]>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

As the subject says... the new issue of TAPR's journal, the
_Packet_Status_Register_, is now available online. You can go to
<http://www.tappr.org/tappr/html/Fpsr.html>, or obtain it via ftp from
ftp://ftp.tappr.org/psr/Spring_83_2002.pdf. You'll need Adobe Acrobat or
other PDF file reader to view the document.

Stan Horzempa, WA1LOU, has taken the reins as the PSR's editor, and I'd like
to thank him for his great work on this issue. Please send comments,
suggestions, or -- best of all -- articles to Stan at psr@tappr.org.

73,
John N8UR

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Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id UAA26649
for <lyris.aprsnews@tappr.org>; Sat, 4 May 2002 20:56:00 -0500 (CDT)
User-Agent: Microsoft-Entourage/10.0.0.1331
Date: Sat, 04 May 2002 19:47:10 -0400

Subject: [aprsnews] 2002 Dayton APRS Web Page Updated
From: Stan Horzempa <stanzepa@earthlink.net>
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Message-ID: <LYR839-77835-2002.05.04-21.30.30--
lyris.aprsnews#tappr.org@lists.tappr.org>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
X-Message-Id: <B8F9EB3E.430A%stanzepa@earthlink.net>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

Today, I updated the 2002 Dayton APRS Web page
(<http://www.tappr.org/~wallou/2002/2002.html>), which is intended to document
APRS-related activities planned for the 2002 installment of the Hamvention.

To be added to the 50-plus folks in the "Who's going to Dayton" list on the
page, please send me your APRS call sign, name, home QTH, and optionally, a
mug shot (a small jpg or gif).

73,

Stan, WA1LOU

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Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id EAA23679
for <lyris.aprsnews@tappr.org>; Fri, 10 May 2002 04:58:08 -0500 (CDT)
Message-Id: <LYR839-78540-2002.05.10-05.32.59--
lyris.aprsnews#tappr.org@lists.tappr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tappr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tappr.org>
To: lyris.aprsnews@tappr.org
Subject: Your confirmation is needed (ok 839)
Date: Fri, 10 May 2002 05:32:59 -0600

Your email address 'lyris.aprsnews@tapr.org' has been submitted to be unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tapr.org

You will receive notification that your confirmation has been received, and that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the mailing list.

Return-Path: <rose@china.com>

Received: from localhost.com ([61.174.203.170]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Fri, 10 May 2002 05:32:53 -0600

From: rose@china.com

Reply-To: rose@china.com

To: aprsnews-request

Date: Fri, 10 May 2002 17:57:50 +0800

Subject:

X-Mailer: QuickSender 1.05

MIME-Version: 1.0

Content-Type: text/html; charset="us-ascii"

Content-Transfer-Encoding: quoted-printable

Mail sent to leave-aprsnews-839e was converted to these commands:

unsubscribe aprsnews lyris.aprsnews@tapr.org confirm

end

This is the text of the message that triggered the action:

Return-Path: <rose@china.com>

Received: from localhost.com ([61.174.203.170]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Fri, 10 May 2002 05:32:53 -0600

From: rose@china.com

Reply-To: rose@china.com

To: leave-aprsnews-839e@lists.tapr.org

Date: Fri, 10 May 2002 17:57:50 +0800

Subject: ADV: Harvest lots of Target Email addresses quickly !

color=3D#ff0000 face=3DArial
size=3D4=3E=3CI=3E=3CSTRONG=3EClick The Following Link To Download This
Program=3A=3C=2FSTRONG=3E=3C=2FI=3E=3C=2FFONT=3E=3C=2FLI=3E
=3CP=3E=3CB=3E=3CFONT color=3D#ff0000 face=3DArial size=3D4=3E=3CA

href=3D=22http=3A=2F=2Fwww=2Ewldinfo=2Ecom=2Fdownload=2Femail=2FESE=2Ezip=22=3EDow
nload Site
1=3C=2FA=3E=3C=2FFONT=3E=3C=2FB=3E=3C=2FP=3E
=3CP=3E=3CB=3E=3CFONT color=3D#ff0000 face=3DArial size=3D4=3E=3CA

href=3D=22http=3A=2F=2Fbestsoft=2E3322=2Eorg=2Fonlinedown=2FESE=2Ezip=22=3EDownloa
d Site

2=3C=2FA=3E =3B =3B =3B =3B =3B =3B =3B =3B =3B =3B =3B =3B
B =3B =3B
=3C=2FFONT=3E=3C=2FB=3E=A1=A1=3CFONT size=3D2=3E=3CFONT color=3D#0000a0
face=3DArial
size=3D3=3E=3CSTRONG=3EIf =3B you can not download this program
=2C =3B please
copy the following link into your URL =2C and then click =22 Enter=22 on
your
Computer Keyboard=2E=3C=2FSTRONG=3E=3C=2FFONT=3E=3C=2FFONT=3E=3C=2FP=3E
=3CP=3E=3CFONT size=3D2=3E=3CFONT color=3D#0000a0 face=3DArial
size=3D3=3E=3CSTRONG=3EHere is the
download links=3A=3C=2FSTRONG=3E=3C=2FFONT=3E=3C=2FP=3E
=3CDIV=3E

=3CP=3Ehttp=3A=2F=2Fwww=2Ewldinfo=2Ecom=2Fdownload=2Femail=2FESE=2Ezip=3C=2FP=3E

=3CP=3Ehttp=3A=2F=2Fbestsoft=2E3322=2Eorg=2Fonlinedown=2FESE=2Ezip=3C=2FP=3E=3C=2F
FONT=3E=3C=2FDIV=3E
=3CP=3E=3C=2FP=3E=3C=2FTD=3E
=3CTD width=3D=225%=22=3E=3C=2FTD=3E=3C=2FTR=3E
=3CTR=3E
=3CTD width=3D=225%=22=3E=3C=2FTD=3E
=3CTD bgColor=3D#0f95de width=3D=2290%=22=3E=3CFONT color=3D#ffffff
face=3D=22Verdana=2C Tahoma=2C Helvetica=2C SansSerif=22
size=3D1=3E=3CB=3EDisclaimer=3A=3C=2FB=3E=3CBR=3EWe are strongly against
continuously sending
unsolicited emails to those who do not wish to receive our special
mailings=2E We have attained the services of an independent 3rd party to
overlook list management and removal services=2E This is not unsolicited
email=2E If you do not wish to receive further mailings=2C please click this
link =3CA href=3D=22 http=3A=2F=2Fwww=2Eautoemailremoval=2Ecom=2Fcgi-
bin=2Fremove=2Epl =22
target=3D=5Fblank=3E=3CFONT
color=3D#fdd32a=3E=3CB=3Ehttp=3A=2F=2Fwww=2Eautoemailremoval=2Ecom=2Fcgi-
bin=2Fremove=2Epl

=3C=2FB=3E=3C=2FFONT=3E=3C=2FA=3E=2E Auto Email Removal Company=2E Ref#
01222263545=3C=2FFONT=3E=3CB=3E=3CFONT class=3Ddissclaimer color=3D#000080
face=3DArial=3E=3CBR=3EThis message is a commercial advertisement=2E It is
compliant
with all federal and state laws regarding email messages including the
California Business and Professions Code=2E We have provided the subject
line =22ADV=22 to provide you notification that this is a commercial
advertisement for persons over 18yrs
old=2E=3C=2FFONT=3E=3C=2FB=3E=3C=2FTD=3E
=3CTD width=3D=225%=22=3E=3C=2FTD=3E=3C=2FTR=3E=3C=2FTBODY=3E=3C=2FTABLE=3E
=3CSTYLE=3E=3C=2FSTYLE=3E
=3CBR=3E=3CBR=3E=3CBR=3E=3CBR=3E=3CA
href=3D=22=22=3E=3C=2FA=3E=3CBR=3E=3CBR=3E=3CBR=3E=3CBR=3E=3CBR=3E=3CA
href=3D=22=22=3E=3C=2FA=3E=3CBR=3E=3C=2FBODY=3E=3C=2FHTML=3E

From bounce-aprsnews-839@lists.tapr.org Sat May 11 11:55:27 2002
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id LAA24780
for <lyris.aprsnews@tapr.org>; Sat, 11 May 2002 11:55:25 -0500 (CDT)
User-Agent: Microsoft-Entourage/10.0.0.1331
Date: Sat, 11 May 2002 12:55:00 -0400
Subject: [aprsnews] 2002 Dayton APRS Web page updated again
From: Stan Horzepa <stanzepa@earthlink.net>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Message-ID: <LYR839-78685-2002.05.11-12.30.15--
lyris.aprsnews#tapr.org@lists.tapr.org>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <B902C524.468D%stanzepa@earthlink.net>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Last night, I updated the 2002 Dayton APRS Web page
(<http://www.tapr.org/~wallou/2002/2002.html>), which is intended to document
APRS-related activities planned for the 2002 installment of the Hamvention.

This is the last call for those who wish to be added to list of folks in the
"Who's going to Dayton" list on the page. Please send me your APRS call
sign, name, home QTH, and optionally, a mug shot (a small jpg or gif).

I will update the page again Tuesday or Wednesday night and begin my 711-ile road-trip to Dayton before the crack of dawn Thursday morning.

73,

Stan, WA1LOU

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From bounce-aprsnews-839@lists.tapr.org Sun May 19 21:09:29 2002
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id VAA06798
for <lyris.aprsnews@tapr.org>; Sun, 19 May 2002 21:09:26 -0500 (CDT)
content-class: urn:content-classes:message
Subject: [aprsnews] New APRS Server Software Released
MIME-Version: 1.0
Content-Type: text/plain;
charset="US-ASCII"
Date: Fri, 17 May 2002 12:12:26 -0500
X-MimeOLE: Produced By Microsoft Exchange V6.0.5762.3
Message-ID: <LYR839-79770-2002.05.19-21.44.44--
lyris.aprsnews#tapr.org@lists.tapr.org>
Thread-Topic: New APRS Server Software Released
Thread-Index: Ach9xgS0m2vvvYGlqEdaQ8gBAM9KoGQ==
From: "AE5PL Lists" <HamLists@ametx.com>
Sender: bounce-aprsnews-839@lists.tapr.org
To: "APRS Announcements" <aprsnews@lists.tapr.org>
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <9F1E0A2562D60B43BAA4C87505322DFC04CB1B@ame-main.ametx.com>
Precedence: bulk
Content-Transfer-Encoding: 8bit
X-MIME-Autoconverted: from quoted-printable to 8bit by tapr.org id VAA06798

As some of you have noted, there is new server software that has been showing up on APRS-IS. I am pleased to announce that after extensive beta testing by a number of APRS server sysops, javAPRSSrvr is now officially released. javAPRSSrvr is a Java-based server application designed to perform all of the functions currently offered to the APRS

Internet community by APRS servers. It is extremely stable and is in use by a number of APRS server sysops. It has been successfully run on many Windows platforms, Linux platforms, Unix platforms, and Macintosh platforms. It does not do IGate functions nor does it have a GUI interface. It is designed solely as an APRS-IS server to provide a highly reliable, efficient, and clean APRS data stream to APRS-IS. This project would not have been possible without the superb suggestions and feedback that I received from the beta testers.

javAPRSSrvr supports the following port types:

General Client/Server access ports:

Echo ports - Equivalent to APRServe port 23

No-echo ports - Equivalent to aprsD port 10152

Message-only ports - Equivalent to aprsD port 1314 (used where limited bandwidth is available)

Hub interconnect ports:

Hub ports - Equivalent to APRServe port 1313 (output only)

Client ports:

History dump ports - Equivalent to APRServe and aprsD port 10151 (output only)

javAPRSSrvr is being offered free-of-charge to the amateur radio community. You can give it a try by contacting me directly at pete@ae5pl.net I will provide you with the application, a comprehensive User's Guide, and a preconfigured configuration file to help you get up and going quickly.

73,

Pete Loveall AE5PL

<http://www.ae5pl.net>

<mailto:pete@ae5pl.net>

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From bounce-aprsnews-839@lists.tapr.org Mon May 20 13:25:15 2002

Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])

by tapr.org (8.9.3/8.9.3/1.13) with SMTP id NAA08263

for <lyris.aprsnews@tapr.org>; Mon, 20 May 2002 13:25:12 -0500 (CDT)

X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs

Date: Mon, 20 May 2002 14:07:16 -0400 (EDT)
From: Bob Bruninga <bruninga@usna.edu>
X-X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapir.org>
cc: aprsnews@lists.tapir.org
Subject: [aprsnews] Dead dogs on the APRS highway
Message-ID: <LYR839-79911-2002.05.20-14.00.30--
lyris.aprsnews#tapir.org@lists.tapir.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapir.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapir.org>
List-Owner: <mailto:owner-aprsnews@lists.tapir.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapir.org>>
X-Message-Id: <Pine.GSO.4.44.0205201343061.12754-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapir.org
Precedence: bulk

LESSONS LEARNED at Dayton about APRS:

GOing to dayton with only the kenwood D700 and a GPS map display was a real eye-opener as regards deadreckoning in APRS. For years I have driven the 500 miles using APRSdos on an old laptop and the map display always shows all of us on the highway traveling just fine. You see just what you expect to see...

With deadreckoning, any instant you look at the map, you see those that are supposed to be ahead of me are ahead and those that are behind, remain behind... All moving along the highway in generally the same relative positions.. this is because Dead reckoned positions keep moving instead of being just another dead dog on the highway...

Without deadreckoning, one never has a clue where anyone is. Each time I look at the display, the same guy who is "near me" is half the time 2 to 5 miles in front of me, or 2 to 5 miles behind me, it all depends on the age of his LAST position. Like dead-dogs on the highway, these spots on the map are completely useless UNLESS you see the spot the instant it comes in.

This is why dead reckoning is so important. AND it showed me another lesson learned:

1) If you are mobile and you want the other mobiles near you to be aware of your relative position, you SHOULD set your POS RATE to 1 minute! Most of the above problem was due to good considerate operators setting their pos rate to 5 minutes... But this makes them LEAP FROG along the highway with their position being just plain 'wrong' the other 4 minutes

out of 5. All mobiles such as in caravan to Dayton, should set a 1 minute rate AND compensate by making their PATH shorter or direct.

2) Further at a 5 minute rate in the wilderness passing at 60 MPH, with no digipeaters, you may never see someone passing. Mutually, you travel more than 10 miles in 5 minutes and that is out of simplex range. So if you are outside of APRS coverage, again, you should use a 1 min rate if you hope to find other APRS loners too...

3) The good news is that the Sprouls announced an improved dead-reckoning for WinAPRS.

Anyway, the GPS displays connected as map displays on the Kenwoods will never be able to dead-reckon, but having ALL distant travelers (expecting to find or QSO other mobile APRS stations) should definately set a 1 minute rate AND shorten their path to compensate... Then APRS works much better for the mobiles. And THAT was FUN!

de WB4APR@amsat.org, Bob

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From bounce-aprsnews-839@lists.tapr.org Mon May 20 13:38:08 2002
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id NAA09341
for <lyris.aprsnews@tapr.org>; Mon, 20 May 2002 13:37:59 -0500 (CDT)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Mon, 20 May 2002 14:32:39 -0400 (EDT)
From: Bob Bruninga <bruninga@usna.edu>
X-X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: aprsnews@lists.tapr.org
Subject: [aprsnews] Voice Alert on 144.39
Message-ID: <LYR839-79920-2002.05.20-14.13.06--
lyris.aprsnews@tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>

X-Message-Id: <Pine.GS0.4.44.0205201407180.12754-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

APRS VOICE-ALERT:

I thought everyone with a Kenwood was aware of "Voice Alert", but at the APRS PIZZA meeting, fewer than 20% raised their hands and it was obvious by monitoring the channel that most APRS mobiles are not aware of this very powerful feature:.

Having a 144.39 radio in a vehicle with the audio turned down or the speaker disconnected is a waste of a perfectly good radio, ESPECIALLY since everyone KNOWS you have a radio tuned to 144.39! Thus, anytime, anywhere, anyone can key up on 144.39 and call you by voice and know that you will hear it.... if.....

Of course, no one wants to listen to packets, so, instead of turning down your volume or disconnecting the speaker, just set CTCSS to "100"... Bingo, no packets. The only thing you will ever hear will be someone calling you on voice with a PL of 100... (and of course, the occasional packet of anyone else within range that is also running Voice Alert.) But this is not bad. In my county, there are about 5 of us running Voice alert. But 99% of the time we are not in simplex range and so we never hear any PL100 packets. But when we do, then we ALSO know that one of us IS nearby and on the air, and so we usually strike up a QSO on the local repeater.

The one place that I thought that Voice Alert would be a real nuisance and cause me to turn my volume down too was at Dayton. I expected to hear dozens and dozens of other PL100 packets... but I only heard TWO!.. Out of the 50 to 100 APRS mobiles in Dayton, I remember only hearing 3 or four packets in the morning when I drove into the HAMVENTION and only a few more in the afternoon driving away...

So, only hearing one or two packets every few minutes I did not find to be a problem at all. In fact, when I pulled over to the side of the road with an overheated engine, someone saw me (not even running APRS) and he dialed in PL100 on 144.39 and asked if I needed help. No way would he have ever found me on the oddball repeater I was tuned to at the time.

There is another GREAT advantage of running voice alert on the Handheld D7 too. that is that by setting CTCSS 100 on 144.39, you dont have to mess with the BALANCE setting. How many times have you totally missed voice operations because you forgot that your balance was set to ZERO for band A? Avoid the problem by setting CTCSS 100 and leaving the volume set to normal...

Of course, only the Kenwoods can do Voice Alert easily because their TNC's are internal and they hear all packets BEFORE the CTCSS squelch, but other mobiles can do it too, if the owner is willing to tap his TNC off of the discriminator before the normal audio squelch circuit...

Anyway, even if you cannot use it in your situation, EVERY APRS person should be aware of VOICE ALERT (CTCSS of 100 on 144.39).

And finally, this is NOT for QSO on 144.39. Only as a calling means.... then QSY...

de WB4APR, Bob

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id RAA27458
for <lyris.aprsnews@tapr.org>; Mon, 20 May 2002 17:48:40 -0500 (CDT)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Mon, 20 May 2002 18:41:07 -0400 (EDT)
From: Bob Bruninga <bruninga@usna.edu>
X-X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: TAPR APRS Special Interest Group <aprssig@lists.tapr.org>, <aprsnews@lists.tapr.org>
Subject: [aprsnews] Re: [aprssig] Re: Voice Alert on 144.39
In-Reply-To: <LYR20817-79932-2002.05.20-15.04.27--bruninga@usna.edu@lists.tapr.org>
Message-ID: <LYR839-79969-2002.05.20-18.23.54--lyris.aprsnews@tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <Pine.GS0.4.44.0205201839570.16966-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

On Mon, 20 May 2002, Richard Amirault wrote:

> Bob goes on to explain a few reasons why hearing PL 100 packets are a good
> thing ...
>
> But if you *don't* want to hear PL 100 packets ... can't you set a memory
> channel on the other side of your Kenwood radio with the correct freq and
> PL ? Or, I haven't checked my Kenwood manual in a while, can't you set
> your APRS side of the radio to decode but not en-code the PL 100?

Unfortunately not. Or at least I haven't figured out how to. FRS radios
are another place where you REALLY NEED separate CTCSS decode and
Encode...

ARGH...
wb4apr

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From bounce-aprsnews-839@lists.tapr.org Wed May 22 06:55:16 2002
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id GAA07955
for <lyris.aprsnews@tapr.org>; Wed, 22 May 2002 06:55:15 -0500 (CDT)
Mime-Version: 1.0
X-Sender: mikemusick@earthlink.net@pop.earthlink.net
Message-Id: <LYR839-80351-2002.05.22-07.30.36--
lyris.aprsnews#tapr.org@lists.tapr.org>
Date: Wed, 22 May 2002 01:14:41 -0500
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: Mike Musick <mikemusick@earthlink.net>
Subject: [aprsnews] pocketAPRS v1.90 Released
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <a05101000b910e2132f0d@[66.136.191.97]>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

pocketAPRS v1.90 has been uploaded to the TAPR FTP site, at:

<ftp://ftp.tapir.org//aprssig/palmstuff/palmaprs/paprs190.zip>

Important new features include:

- Support for SM2496 DSP TNC for the Handspring Visor.
- Support for the Magellan Companion GPS for the Handspring Visor.
- Maps on memory cards for Palm OS devices which support external memory.
- HandEra 330 Support, including full-screen maps and Compact Flash GPS support.

Fixed are:

- KISS function, which was broken in v1.18.
- Minor misformatting in APRS position beacon.
- Font incompatibility with Kyocera Palm OS-based phone.
- Grouped bulletins now display in group order.

Maintenance:

- Add "APO" and "APT" to valid APRS packet types.
- Add foundation for next-generation map data.

Given the severity of the changes to accommodate the new hardware capabilities, this release is essentially a beta of what is planned to become v2.0. There are a couple of limitations to be aware of.

The HandEra 330 hi-res screen support is under construction and may not behave itself in many circumstances. I hope that the gremlins will be mostly nailed by the next interim release. One thing, though - maps on the hi-res grayscale screen look *great*, and for this and several other reasons I recommend this platform for those who don't feel the need to have a color display.

Support for maps on external memory cards works generally well, but there is some manner of system limitation which causes the indexing system to crash if there are more than 25 or 30 maps. Try not to fill-up your map cards right away and you should stay out of trouble until I find the bug. At the moment there is no support for inserting or removing a memory card while the program is running - you must have the card inserted before starting pocketAPRS. It is hoped that card insertion and removal detection will be added in the next release.

Development versions of the program containing most of the new features have been running reliably for several weeks. The HandEra screen features are the weakest area at the moment.

If there are any questions, drop me a line at
mikemusick@earthlink.net or mike@pocketaprs.com.

...mike

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id IAA10819
for <lyris.aprsnews@tapr.org>; Wed, 22 May 2002 08:02:41 -0500 (CDT)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Wed, 22 May 2002 08:44:57 -0400 (EDT)
From: Bob Bruninga <bruninga@usna.edu>
X-X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] Garmin ICONS Project
Message-ID: <LYR839-80361-2002.05.22-08.38.01--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <Pine.GS0.4.44.0205220836480.701-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Duh, I just noticed that my Garmin-III+ has over 80 ICONs many of which
match perfectly some of the APRS ICONS. Why not use them?

We need a volunteer that has "in's" at Garmin to get them to consider the
following or similar approach so that we can use ICONS within the EXISTING
NMEA Waypoint sentence standard:

If a WayPoint NAME ends with "/X" then it will use the "Xth" ICON

X can be any ASCII character from "!" to "z" which allows for 90 different
ICONS.

With all the new APRS PIC decoders, HAM-HUDS, and potential for NEW APRS
projects and radios and ever better GPS maps, WE NEED THIS STANDARD! Then

our GARMIN maps will really show the APRS picture!

Any volunteers (with political savvy or clout) to take on this project?

de WB4APR@amsat.org, Bob

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id IAA10874
for <lyris.aprsnews@tapr.org>; Wed, 22 May 2002 08:03:37 -0500 (CDT)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Wed, 22 May 2002 08:49:50 -0400 (EDT)
From: Bob Bruninga <bruninga@usna.edu>
X-X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] ROTC and APRS and Satellites
Message-ID: <LYR839-80365-2002.05.22-08.38.55--
lyris.aprsnews@tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <Pine.GSO.4.44.0205220845010.701-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

If anyone does ANYTHING radio, APRS, or Satellite (or PCsat!) related involving ROTC, or CAP or any other affiliation with the DOD training, including MARS, please tell me about it. Or think about how you can go visit your local ROTC and offer to do an ISS/PCSAT demo.

I'm trying to look for ways to show DOD of the education and training advantages of Amateur Satellites... It will be helpful in looking for our next launch opportunity...

de WB4APR@amsat.org, Bob

PCsat WEB page <http://www.ew.usna.edu/~bruninga/pcsat.html>

ISS-APRS FAQ: <http://www.ew.usna.edu/~bruninga/iss-faq.html>

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id IAA11367
for <lyris.aprsnews@tapr.org>; Wed, 22 May 2002 08:15:30 -0500 (CDT)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Wed, 22 May 2002 09:11:46 -0400 (EDT)
From: Bob Bruninga <bruninga@usna.edu>
X-X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: APRS Announcements <aprsnews@lists.tapr.org>
Subject: [aprsnews] Re: pocketAPRS v1.90 Released
In-Reply-To: <LYR1106-80351-2002.05.22-07.30.36--BRUNINGA#NADN.NAVY.MIL@lists.tapr.org>
Message-ID: <LYR839-80372-2002.05.22-08.50.53--lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <Pine.GS0.4.44.0205220910450.701-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

On Wed, 22 May 2002, Mike Musick wrote:

> - Add "APO" and "APT" to valid APRS packet types.

I assume these are not being used as exclusive filters. Because our list will always be out of date...

Bob

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id UAA18057
for <lyris.aprsnews@tapr.org>; Thu, 23 May 2002 20:50:27 -0500 (CDT)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Thu, 23 May 2002 19:14:16 -0400 (EDT)
From: Bob Bruninga <bruninga@usna.edu>
X-X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] APRStt version 00 released
Message-ID: <LYR839-80701-2002.05.23-21.25.46--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <Pine.GS0.4.44.0205231907420.16737-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

I just posted an experimental version of APRStt00.ZIP so that some of you can experiment with this exciting new potential application for APRS.

I strongly recommend that you only run it on a laptop connected to a short range TNC/Radio (your D7 is perfect) so that you can enter sample DTMF strings on the laptop's keyboard to simulate DTMF entries and then you can watch on your Base-Station APRS system the resulting packet conversions...

This program is extremely experimental and only an ALPHA test if any.

Download from the <http://www.ew.usna.edu/~bruninga/aprstt.html>

It comes thinking it is in Dayton, so that you can use the sample paper handouts that we used at Dayton for moving ourselves around in the area, just by entering the LAT/LONG coordinates sketched on the paper maps. (See web page for a copy of the maps)...

Try it out.

de WB4APR@amsat.org, Bob

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id SAA14175
for <lyris.aprsnews@tapr.org>; Fri, 24 May 2002 18:33:37 -0500 (CDT)
User-Agent: Microsoft-Entourage/10.0.0.1331
Date: Fri, 24 May 2002 19:33:05 -0400
Subject: [aprsnews] Precision Emergency Automated Position Reporting System
(PEAPRS) test set
From: Stan Horzepa <stanzepa@earthlink.net>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Message-ID: <LYR839-80983-2002.05.24-19.08.52--
lyris.aprsnews@tapr.org>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <B91445F1.4D95%stanzepa@earthlink.net>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

On the ARRL Web site today:

Precision Emergency Automated Position Reporting System (PEAPRS) test set:
The Air Force Research Lab, Rome (New York) Research Site, will be
conducting an experiment using Amateur Radio operators as an auxiliary line
of defense against aircraft disasters in conjunction with the annual Team
Patriot exercise. The ARRL is co-sponsoring the test. The test will consist
of two aircraft flights some time between June 3 and June 8, 2002. During
these flights the aircraft will transmit a distress message, using the call
sign WA2ZXS. Amateurs wishing to participate in this exercise should, upon
receipt of the distress message, send an email message to peaprs@rl.af.mil
detailing the time, characteristics of the message received as well as the
method they used for reception (direct, via digipeater, via wide relay, Web,
etc). Those who do not have e-mail available to them may participate by
calling their observation info into the PEAPRS Command Center at
315-330-7444. The objective of this exercise will be to measure the

timeliness and accuracy of the reports received from the amateur community. Amateurs that participate in this program will qualify for a special certificate from ARRL recognizing their participation. Precision Emergency Automated Position Reporting System (PEAPRS) test set: The Air Force Research Lab, Rome (New York) Research Site, will be conducting an experiment using Amateur Radio operators as an auxiliary line of defense against aircraft disasters in conjunction with the annual Team Patriot exercise. The ARRL is co-sponsoring the test. The test will consist of two aircraft flights some time between June 3 and June 8, 2002. During these flights the aircraft will transmit a distress message, using the call sign WA2ZXS. Amateurs wishing to participate in this exercise should, upon receipt of the distress message, send an email message to peaprs@rl.af.mil detailing the time, characteristics of the message received as well as the method they used for reception (direct, via digipeater, via wide relay, Web, etc). Those who do not have e-mail available to them may participate by calling their observation info into the PEAPRS Command Center at 315-330-7444. The objective of this exercise will be to measure the timeliness and accuracy of the reports received from the amateur community. Amateurs that participate in this program will qualify for a special certificate from ARRL recognizing their participation.

You are currently subscribed to aprsnews as: lyris.aprsnews@tapr.org
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wallou@tapr.org

From bounce-aprsnews-839@lists.tappr.org Wed Jun 12 06:55:03 2002
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id GAA00535
for <lyris.aprsnews@tappr.org>; Wed, 12 Jun 2002 06:55:03 -0500 (CDT)
Date: Wed, 12 Jun 2002 1:31:7
Subject: [aprsnews] UIDIGI 1.8 Released
To: "APRS Announcements" <aprsnews@lists.tappr.org>
From: "Marco Savegnago" <m-save@tin.it>
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
Sender: bounce-aprsnews-839@lists.tappr.org
Message-Id: <LYR839-84530-2002.06.12-07.31.27--
lyris.aprsnews#tappr.org@lists.tappr.org>
Precedence: bulk

At the following URL you will find the distribution archive of UIDIGI 1.8
(20020608).

<http://gw.ir3ip.ampr.org/iw3fqg/files/UIDIGI/UIDIGI18.ZIP>

<http://space.tin.it/computer/m-savegna/files/UIDIGI/UIDIGI18.ZIP>

<http://groups.yahoo.com/group/uidigi/files/UIDIGI%201.8%20/Uidigi18.zip>

For more detail read the file changes.txt included in the archive.

Bye.

Marco IW3FQG

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From bounce-aprsnews-839@lists.tappr.org Sat Jun 22 09:47:34 2002
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id JAA21808
for <lyris.aprsnews@tappr.org>; Sat, 22 Jun 2002 09:47:28 -0500 (CDT)
Message-Id: <LYR839-86223-2002.06.22-10.24.38--
lyris.aprsnews#tappr.org@lists.tappr.org>
X-Sender: pe1dnn@pop.hetnet.nl
Date: Sat, 22 Jun 2002 16:37:09 +0200
To: "APRS Announcements" <aprsnews@lists.tappr.org>

From: Henk de Groot <henk.de.groot@hetnet.nl>
Subject: [aprsnews] New Scandinavian Pocket APRS maps!
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <5.1.0.14.2.20020622162304.00a50200@pop.hetnet.nl>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Hello All,

For your information.

There are new PocketAPRS maps, this time for Scandinavia (Norway, Sweden and Denmark) and one for Denmark. These are also usable with APRS/CE, Xastir, MacAPRS and WinAPRS.

I know Sweden and Denmark well and is a shame I did not come up with these earlier...

Note dat the Scandinavian map is rather big, so if your palm is only 2 MB then you may encounter a storage space problem... I upgraded my palm to 8 MB and it is very nice to be able to hold some maps and some useful applications at the same time!

You can find the new maps, with other maps, on:

<http://www.homepages.hetnet.nl/~pe1dnn/>

or

<http://home.hetnet.nl/~pe1dnn/>

(You may have to reload the map if you have a cached copy).

Kind regards,

Henk.

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To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wallou@tapr.org

From bounce-message-839@lists.tapr.org Sat Jun 22 11:14:33 2002
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id LAA25197

for <lyris.aprsnews@tapr.org>; Sat, 22 Jun 2002 11:14:32 -0500 (CDT)
Message-Id: <LYR839-86234-2002.06.22-11.51.41--
lyris.aprsnews#tapr.org@lists.tapr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tapr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tapr.org>
To: lyris.aprsnews@tapr.org
Subject: Your confirmation is needed (ok 839)
Date: Sat, 22 Jun 2002 11:51:41 -0500

Your email address 'lyris.aprsnews@tapr.org' has been submitted to be
unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be
unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that
the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tapr.org

You will receive notification that your confirmation has been received, and
that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the
mailing list.

Return-Path: <targetemail extractor@btamail.net.cn>
Received: from localhost.com ([61.174.192.218]) by lists.tapr.org with SMTP (Lyris
Server version 3.0); Sat, 22 Jun 2002 11:51:36 -0500
From: targetemail extractor@btamail.net.cn
Reply-To: targetemail extractor@btamail.net.cn
To: aprsnews-request
Date: Sun, 23 Jun 2002 00:14:14 +0800
Subject:
X-Mailer: QuickSender 1.05
MIME-Version: 1.0
Content-Type: text/html; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tapr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <targetemailextractor@btamail.net.cn>
Received: from localhost.com ([61.174.192.218]) by lists.tapir.org with SMTP (Lyris Server version 3.0); Sat, 22 Jun 2002 11:51:36 -0500
From: targetemailextractor@btamail.net.cn
Reply-To: targetemailextractor@btamail.net.cn
To: leave-aprsnews-839e@lists.tapir.org
Date: Sun, 23 Jun 2002 00:14:14 +0800
Subject: ADV: Direct email blaster, email addresses extractor, maillist verify, maillist manager.....
X-Mailer: QuickSender 1.05
MIME-Version: 1.0
Content-Type: text/html; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

=3CHTML=3E=3CHEAD=3E
=3CSTYLE=3E=3C=2FSTYLE=3E
=3C=2FHED=3E
=3CBODY bgColor=3D#ffffff=3E
=3CDIV=3E=3CFONT size=3D2=3E
=3CDIV=3E=3CFONT face=3DArial=3E =3B=3C=2FFONT=3E =3C=2FDIV=3E
=3CDIV=3E =3B=3C=2FDIV=3E
=3CDIV=3E=3CSTRONG=3E=3CFONT color=3D#ff0080 face=3DArial size=3D4=3EDirect Email
Blaster=3C=2FFONT=3E=3C=2FSTRONG=3E =3C=2FDIV=3E=3CFONT size=3D2=3E
=3CP=3E=3CFONT face=3DArial=3E=3CB=3E=3CFONT color=3D#006600=3E=3CI=3EThe program
will send mail at the
rate of over 1=2C 000 e-mails per
minute=2E =3B=3C=2FI=3E=3C=2FFONT=3E=3CB=3ELegal and Fast
sending bulk emails =3B=3CB=3E=3CFONT color=3D#006600=3E=3CI=3EBuilt in SMTP
server =3B=3C=2FI=3E=3C=2FFONT=3E=3CB=3EHave Return Path =3B=3CB=3ECan
Check Mail
Address =3B=3CB=3E=3CFONT color=3D#006600=3E=3CI=3EMake Error Send Address
List=28 Remove or
Send Again=29 =3B=3C=2FI=3E=3C=2FFONT=3E=3CB=3ESupport multi-
threads=2E =3B=3CB=3ESupport
multi-smtp servers=2E =3B=3CB=3EManages your opt-in E-Mail
Lists =3B=3CB=3EOffers an
easy-to-use interface! =3B=3CB=3EEasy to configure and
use =3B=3C=2FB=3E=3C=2FFONT=3E=3C=2FP=3E
=3CP=3E=3CFONT face=3DArial=3E=3CA
href=3D=22http=3A=2F=2Fwww=2Ewldinfo=2Ecom=2Fbj=5Fdownload=2Fedeb=5Fset=2Ezip=22=3E
=3CSTRONG=3EDownload
Now=3C=2FSTRONG=3E=3C=2FA=3E=3C=2FFONT=3E=3C=2FP=3E
=3CP=3E=3CSTRONG=3E=3CFONT color=3D#ff0080 face=3DArial size=3D4=3EMaillist
Verify=3C=2FFONT=3E=3C=2FSTRONG=3E=3C=2FP=3E
=3CP=3E=3CFONT face=3DArial=3EMaillist Verify is intended for e-mail addresses and
mail
lists verifying=2E The main task is to determine which of addresses in the mail

list are dead=2E The program is oriented=2C basically=2C on programmers which have their own mail lists to inform their users about new versions of their programs=2E=3C=2FFONT=3E=3C=2FP=3E
=3CP=3E=3CFONT face=3DArial=3EThe program works on the same algorithm as ISP mail systems
do=2E Mail servers addresses for specified address are extracted from DNS=2E The program tries to connect with found SMTP-servers and simulates the sending of message=2E It does not come to the message =3CNOBR=3E
sending
‿=3B=2FNOBR>=3B EMV disconnect
as soon as mail server informs does this address exist or not=2E EMV can find=3C=2FNOBR=3E=3C=2FFONT=3E=3C=2FP=3E
=3CP=3E=3CFONT face=3DArial=3E=3CNOBR=3E =3BAbout 90% of dead addresses
‿=3B=2FNOBR>=3B some mail
systems receive all messages and only then see
their =3B=3C=2FNOBR=3E=3C=2FFONT=3E=3C=2FP=3E
=3CP=3E=3CFONT face=3DArial=3E=3CNOBR=3Eaddresses and if the address is dead send the message
back with remark about it=2E=3C=2FNOBR=3E=3C=2FFONT=3E=3C=2FP=3E=3CNOBR=3E
=3CP=3E=3CA
href=3D=22http=3A=2F=2Fwww=2Ewldinfo=2Ecom=2Fbj=5Fdownload=2Fbembv=5Fset=2Ezip=22=3E=3CSTRONG=3E=3CFONT
face=3DArial size=3D3=3EDownload
Now=3C=2FFONT=3E=3C=2FSTRONG=3E=3C=2FA=3E=3C=2FP=3E
=3CP=3E=3CSTRONG=3E=3CFONT color=3D#ff0080 face=3DArial size=3D4=3EExpress Email
Blaster =3B=3C=2FFONT=3E=3C=2FSTRONG=3E=3C=2FP=3E
=3CP=3E=3CFONT face=3DArial=3EExpress Email Blaster =3B is a very fast=2C powerful yet
simple to use email sender=2E Utilizing multiple
threads=2Fconnections=3C=2FFONT=3E=3C=2FP=3E
=3CP=3E=3CFONT face=3DArial=3E =3Band multiple SMTP servers your emails will be sent out
fast and easily=2E There are User Information=2C Attach
Files=2C =3B=3C=2FFONT=3E=3C=2FP=3E
=3CP=3E=3CFONT face=3DArial=3EAddress and Mail Logs four tabbed area for the E-mails
details for sending=2E About 25 SMTP servers come with
the =3B=3C=2FFONT=3E=3C=2FP=3E
=3CP=3E=3CFONT face=3DArial=3Edemo version=2C and users may Add and Delete SMTP servers=2E
About =3CFONT color=3D#008000=3E=3CB=3E60=2C000=3C=2FB=3E=3C=2FFONT=3E E-mails
will be sent out per
hour=2E=22=3C=2FFONT=3E=3C=2FP=3E
=3CP=3E=3CSTRONG=3E=3CA
href=3D=22http=3A=2F=2Fwww=2Ewldinfo=2Ecom=2Fbj=5Fdownload=2Fbeeb=5Fset=2Ezip=22=3E=3CFONT
face=3DArial size=3D3=3EDownload
Now=3C=2FFONT=3E=3C=2FA=3E=3C=2FSTRONG=3E=3C=2FP=3E
=3CP=3E=3CSTRONG=3E=3CFONT color=3D#ff0080 face=3DArial size=3D4=3EExpress Email

Address

Extractor=3C=2FFONT=3E=3C=2FSTRONG=3E=3C=2FP=3E=3CFONT size=3D4=3E
=3CP=3E=3CFONT color=3D#008000 size=3D3=3EThis program is the most efficient=2C
easy to use
email address collector available on the =3C=2FFONT=3E=3C=2FP=3E
=3CP=3E=3CFONT face=3DArial=3E=3CFONT color=3D#008000 size=3D3=3E =3Binternet!
=3C=2FFONT=3E=3CFONT
color=3D#000000 size=3D3=3EBeijing Express Email Address Extractor
=28ExpressEAE=29 is
designed to extract=3C=2FFONT=3E=3C=2FFONT=3E=3C=2FP=3E
=3CP=3E=3CFONT color=3D#000000 size=3D3=3E =3Be-mail addresses from web-pages
on the
Internet =28using HTTP protocols=29 =2EEExpressEAE=3C=2FFONT=3E=3C=2FP=3E
=3CP=3E=3CFONT color=3D#000000 size=3D3=3E =3Bsupports operation through many
proxy-server
and works very fast=2C as it is able of =3B=3C=2FFONT=3E=3C=2FP=3E
=3CP=3E=3CFONT color=3D#000000 size=3D3=3Eloading several pages simultaneously=2C
and requires
very few resources=2E=3C=2FFONT=3E=3C=2FP=3E
=3CP=3E=3CFONT color=3D#000000 face=3DArial=3E=3CFONT size=3D3=3EWith it=2C you
will be able
to=3C=2FFONT=3E=3CFONT size=3D2=3E =3C=2FFONT=3E=3CFONT size=3D3=3Euse targeted
searches to crawl the
world wide web=2C extracting =3B=3C=2FFONT=3E=3C=2FFONT=3E
=3CP=3E=3CFONT color=3D#000000 face=3DArial size=3D3=3Ethousands of clean=2C fresh
email
addresses=2E Ably Email address Extractor is unlike other =3B=3C=2FFONT=3E
=3CP=3E=3CFONT color=3D#000000 face=3DArial size=3D3=3Eaddress collecting
programs=2C which
limit you to one or two search engines and are unable=3C=2FFONT=3E
=3CP=3E=3CFONT color=3D#000000 face=3DArial size=3D3=3E =3Bto do auto searches
HUGE address=2E
Most of them collect a high percentage of incomplete=2C =3B=3C=2FFONT=3E
=3CP=3E=3CFONT color=3D#000000 face=3DArial size=3D3=3Eunusable addresses which
will cause you
serious problems when using them in a mailing=2E =3B=3C=2FFONT=3E
=3CUL=3E
=3CLI=3E=3CFONT color=3D#008000 face=3DArial size=3D3=3EEasier to learn and use
than any
other email address collector program available=2E=3C=2FFONT=3E
=3CLI=3E=3CFONT color=3D#008000 face=3DArial size=3D3=3EAccesses eight search
engines =3B=3C=2FFONT=3E
=3CLI=3E=3CFONT color=3D#008000 face=3DArial size=3D3=3EAdd your own URLs to the
list to be
searched=3C=2FFONT=3E
=3CLI=3E=3CFONT face=3DArial size=3D3=3E=3CFONT color=3D#008000=3ESupports
operation through
=3C=2FFONT=3E=3CFONT color=3D#ff00ff=3Ea lot of=3C=2FFONT=3E=3CFONT

color=3D/#008000=3E proxy-server
and works very fast =28HTTP Proxy=29=3C=2FFONT=3E=3C=2FFONT=3E
=3CLI=3E=3CFONT color=3D/#008000 face=3DArial size=3D3=3EAble of loading several
pages
simultaneously=3C=2FFONT=3E
=3CLI=3E=3CFONT color=3D/#008000 face=3DArial size=3D3=3ERequires very few
resources=3C=2FFONT=3E
=3CLI=3E=3CFONT color=3D/#008000 face=3DArial size=3D3=3ETimeout feature allows
user to limit
the amount of time crawling in dead sites and traps=2E=3C=2FFONT=3E
=3CLI=3E=3CFONT face=3DArial size=3D3=3E=3CFONT color=3D/#008000=3EEasy to make
=3C=2FFONT=3E=3CFONT
color=3D/#ff00ff=3EHuge=3C=2FFONT=3E=3CFONT color=3D/#008000=3E address
list=3C=2FFONT=3E=3C=2FFONT=3E
=3CLI=3E=3CFONT color=3D/#008000 face=3DArial size=3D3=3EPause=2Fcontinue
extraction at any
time=2E=3C=2FFONT=3E
=3CLI=3E=3CFONT color=3D/#008000 face=3DArial size=3D3=3EAuto connection to the
Internet=3C=2FFONT=3E =3C=2FLI=3E=3C=2FUL=3E
=3CDIV=3E=3CSTRONG=3E=3CA
href=3D=22http=3A=2F=2Fwww=2Ewldinfo=2Ecom=2Fbj=5Fdownload=2Feeae=5Fset=2Ezip=22=3
E=3CFONT
color=3D/#008000 face=3DArial size=3D3=3EDownload
Now=3C=2FFONT=3E=3C=2FA=3E=3C=2FSTRONG=3E =3C=2FDIV=3E
=3CDIV=3E=3CSTRONG=3E=3CFONT color=3D/#ff0080 face=3DArial=3EEExpress Email Address
Downloader=3C=2FFONT=3E=3C=2FSTRONG=3E =3C=2FDIV=3E
=3CUL=3E
=3CLI=3E=3CFONT face=3DArial=3E=3CSTRONG=3E=3CFONT color=3D/#006600
size=3D2=3EEExpressEAD =3B
=3C=2FFONT=3E=3CFONT color=3D/#000000 size=3D2=3Eis a 32 bit Windows Program for
e-mail
marketing=2E It is intended for easy and
convenient=3C=2FFONT=3E=3C=2FSTRONG=3E=3C=2FFONT=3E
=3CLI=3E=3CFONT face=3DArial=3E=3CSTRONG=3E=3CFONT color=3D/#000000
size=3D2=3E =3Bsearch large
e-mail address lists from mail servers=2E The program can be operated
on =3B=3C=2FFONT=3E=3C=2FSTRONG=3E=3C=2FFONT=3E
=3CLI=3E=3CFONT face=3DArial=3E=3CSTRONG=3E=3CFONT color=3D/#000000
size=3D2=3EWindows 95=2F98=2FME=2F2000
and NT=2E=3C=2FFONT=3E=3C=2FSTRONG=3E=3C=2FFONT=3E
=3CLI=3E=3CFONT face=3DArial=3E=3CSTRONG=3E=3CFONT color=3D/#006600
size=3D2=3EEExpressEAD =3B
=3C=2FFONT=3E=3CFONT color=3D/#000000 size=3D2=3Esupport multi-threads =28up to
1024
connections=29=2E=3C=2FFONT=3E=3C=2FSTRONG=3E=3C=2FFONT=3E
=3CLI=3E=3CFONT face=3DArial=3E=3CSTRONG=3E=3CFONT color=3D/#006600
size=3D2=3EEExpressEAD =3B
=3C=2FFONT=3E=3CFONT color=3D/#000000 size=3D2=3Ehas the ability =3B to

reconnect to the
mail server if the server has disconnected
and =3B=3C=2FFONT=3E=3C=2FSTRONG=3E=3C=2FFONT=3E
=3CLI=3E=3CFONT face=3DArial=3E=3CSTRONG=3E=3CFONT color=3D#000000
size=3D2=3Econtinue the searching
at the point where it has been
interrupted=2E=3C=2FFONT=3E=3C=2FSTRONG=3E=3C=2FFONT=3E
=3CLI=3E=3CFONT face=3DArial=3E=3CSTRONG=3E=3CFONT color=3D#006600
size=3D2=3EExpressEAD =3B
=3C=2FFONT=3E=3CFONT color=3D#000000 size=3D2=3Ehas an ergonomic interface that
is easy to
set up and simple to use=2E=3C=2FFONT=3E=3C=2FSTRONG=3E=3C=2FFONT=3E
=3C=2FLI=3E=3C=2FUL=3E
=3CDIV=3E=3CFONT face=3DArial=3E =3B=3C=2FFONT=3E =3C=2FDIV=3E
=3CP=3E=3CFONT face=3DArial=3E=3CSTRONG=3E=3CFONT color=3D#008000 face=3DArial
size=3D4=3EFeatures=3A=3C=2FFONT=3E=3C=2FSTRONG=3E=3C=2FFONT=3E
=3CUL type=3Ddisc=3E
=3CLI=3E=3CFONT face=3DArial=3E=3CSTRONG=3E=3CFONT face=3DArial
size=3D2=3Esupport
multi-threads=2E=3C=2FFONT=3E=3C=2FSTRONG=3E=3C=2FFONT=3E
=3CLI=3E=3CFONT face=3DArial=3E=3CSTRONG=3E=3CFONT face=3DArial size=3D2=3Eauto
get smtp server
address=2Csupport multi-smtp servers=2E=3C=2FFONT=3E=3C=2FSTRONG=3E=3C=2FFONT=3E
=3CLI=3E=3CFONT face=3DArial=3E=3CSTRONG=3E=3CFONT face=3DArial size=3D2=3Eauto
save =3B E-Mail
Lists=3C=2FFONT=3E=3C=2FSTRONG=3E=3C=2FFONT=3E
=3CLI=3E=3CFONT face=3DArial=3E=3CSTRONG=3E=3CFONT face=3DArial
size=3D2=3Eoffers an easy-to-use
interface!=3C=2FFONT=3E=3C=2FSTRONG=3E=3C=2FFONT=3E =3C=2FLI=3E=3C=2FUL=3E
=3CDIV=3E=3CSTRONG=3E=3CA
href=3D=22http=3A=2F=2Fwww=2Ewldinfo=2Ecom=2Fbj=5Fdownload=2Feead=5Fset=2Ezip=22=3
E=3CFONT
color=3D#008000 face=3DArial size=3D3=3EDownload
Now=3C=2FFONT=3E=3C=2FA=3E=3C=2FSTRONG=3E =3C=2FDIV=3E
=3CDIV=3E=3CFONT face=3DArial=3E =3B=3C=2FFONT=3E =3C=2FDIV=3E
=3CDIV=3E=3CSTRONG=3E=3CFONT color=3D#ff0080 face=3DArial=3EExpress Maillist
Manager=3C=2FFONT=3E=3C=2FSTRONG=3E =3C=2FDIV=3E
=3CDIV=3E=3CFONT face=3DArial=3E =3B=3C=2FFONT=3E =3C=2FDIV=3E
=3CDIV=3E=3CFONT size=3D2=3E
=3CP=3E=3CFONT face=3DArial=3E=3CFONT color=3Dblack size=3D3=3EThis program was
designed to be a
complement to the =3C=2FFONT=3E=3CFONT color=3D#800080 size=3D3=3EDirect Email
Blaster =3B
=3C=2FFONT=3E=3CFONT color=3Dblack size=3D3=3Eand =3C=2FFONT=3E=3CFONT
color=3D#800080 size=3D3=3EEmail
Blaster =3C=2FFONT=3E=3C=2FFONT=3E=3C=2FP=3E
=3CP=3E=3CFONT face=3DArial=3E=3CFONT color=3Dblack size=3D3=3Esuite of bulk email
software

programs=2E Its purpose is to organize your email lists in order to be
more =3B=3C=2FFONT=3E=3C=2FFONT=3E=3C=2FP=3E
=3CP=3E=3CFONT face=3DArial=3E=3CFONT color=3Dblack size=3D3=3Eeffective with your
email marketing
campaign=2E Some of its features include=3A=3C=2FFONT=3E=3C=2FFONT=3E=3C=2FP=3E
=3CP=3E=3CB=3E=3CFONT color=3D#008000 face=3DArial=3E=3CFONT
size=3D3=3E‿=3BCombine several lists into
one file=2E=3C=2FFONT=3E=3CBR=3E=3CFONT size=3D3=3E‿=3BSplit up larger lists
to make them more
manageable=2E=3C=2FFONT=3E=3CBR=3E=3CFONT size=3D3=3E‿=3BRemove addresses
from file=2E=3C=2FFONT=3E=3CBR=3E=3CFONT
size=3D3=3E‿=3BManual editing=2C adding=2C and deleting of
addresses=2E=3C=2FFONT=3E=3CBR=3E=3CFONT
size=3D3=3E‿=3BAbility to auto clean lists=2C that is=2C remove any duplicate
or unwanted
addresses=2E=3C=2FFONT=3E=3CBR=3E=3CFONT size=3D3=3E‿=3BMaintain all your
address lists within the
program so you no =3B longer need to keep all
your=3C=2FFONT=3E=3C=2FFONT=3E=3C=2FB=3E=3C=2FP=3E
=3CP=3E=3CB=3E=3CFONT color=3D#008000 face=3DArial size=3D3=3E =3Blists saved
as separate text
files=2E=3C=2FFONT=3E=3C=2FB=3E=3C=2FP=3E
=3CP=3E=3CSTRONG=3E=3CA
href=3D=22http=3A=2F=2Fwww=2Ewldinfo=2Ecom=2Fbj=5Fdownload=2Fbemm=5Fset=2Ezip=22=3
E=3CFONT
color=3D#008000 face=3DArial size=3D3=3EDownload
Now=3C=2FFONT=3E=3C=2FA=3E=3C=2FSTRONG=3E=3C=2FP=3E
=3CP=3E=3CFONT face=3DArial=3E =3B=3C=2FFONT=3E=3C=2FP=3E
=3CP=3E =3B=3C=2FP=3E
=3CDIV=3E=3CFONT face=3DArial=3Eif you want to remove your email=2C please send
email to =3CA
href=3D=22mailto=3Atargetemailremoval=40btamail=2Enet=2Ecn=22=3Etargetemailremoval
=40btamail=2Enet=2Ecn=3C=2FA=3E=3C=2FFONT=3E
=3C=2FDIV=3E
=3CDIV=3E=3CFONT face=3DArial=3E =3B=3C=2FFONT=3E =3C=2FDIV=3E
=3CDIV=3E=3CFONT face=3DArial=3E =3B=3C=2FFONT=3E =3C=2FDIV=3E
=3CDIV=3E =3B=3C=2FDIV=3E=3C=2FFONT=3E=3C=2FDIV=3E=3C=2FFONT=3E=3C=2FN0BR=3E=3
C=2FFONT=3E=3C=2FFONT=3E=3C=2FDIV=3E=3C=2FBODY=3E=3C=2FHTML=3E

From mariamaaa20002000@yahoo.co.uk Mon Jul 1 12:38:33 2002
Received: from yahoo.co.uk ([216.139.169.131])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id MAA06392
for <lyris.aprsnews@tapr.org>; Mon, 1 Jul 2002 12:38:17 -0500 (CDT)
Message-Id: <200207011738.MAA06392@tapr.org>
From: "Prince Jokun P. Otondo" <mariamaaa20002000@yahoo.co.uk>
To: <lyris.aprsnews@tapr.org>
Subject: URGENT RESPONSE
Sender: "Prince Jokun P. Otondo" <mariamaaa20002000@yahoo.co.uk>
Mime-Version: 1.0
Content-Type: text/plain; charset="ISO-8859-1"
Date: Mon, 1 Jul 2002 12:26:54 +0100
Reply-To: "Prince Jokun P. Otondo" <jpotondo@rediffmail.com>
X-Priority: 1 (Highest)
Content-Transfer-Encoding: 8bit

Prince Jokun P. Otondo
NNPC Nigeria

ATTENTION: The President/Managing Director

I am the Director of maintenance for the Nigeria
National Petroleum Corporation (NNPC). I have been
mandated by my colleagues to look for a foreign
organization that would be able to provide an account
into which can be transferred the sum of (twenty
million five hundred thousand us dollars)
\$20,500,000.00.

The funds are the excess of an over-inflated contract
that was done for the NNPC and are still floating in
NNPC's account with the Central Bank of Nigeria. These
funds need to be transferred to a beneficiaries
account hence this proposal.

We have agreed that for providing an account you will
receive 25% of the funds. For us to proceed we need
the following details to process the transfer of the
funds:

NAME & ADDRESS OF YOUR BANK
ACCOUNT NAME
ACCOUNT NUMBER

With the above information it will take 7 working days to transfer the funds to your account.

As we are senior officials in our organization we have arranged this deal to be hitch-free.

We also wish that you would in turn keep this business confidential.

Please reply by providing us your private e-mail address, fax and phone numbers for easy and confidential communication.

Please reply at jpotondo@rediffmail.com

Looking forward to doing business with you.

Yours sincerely

Prince Jokun P. Otondo

From bounce-aprsnews-839@lists.tapr.org Tue Jul 2 13:56:21 2002
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id NAA05660
for <lyris.aprsnews@tapr.org>; Tue, 2 Jul 2002 13:56:16 -0500 (CDT)
Date: Tue, 2 Jul 2002 14:51:54 -0400 (EDT)
From: Bob Bruninga <bruninga@usna.edu>
X-X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: aprsnews@tapr.org
Subject: [aprsnews] APRSdos update
Message-ID: <LYR839-87778-2002.07.02-14.33.44--
lyris.aprsnews@tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
X-Virus-Scanned: by amavisd-milter (<http://amavis.org/>)
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <Pine.GS0.4.44.0207021420270.23253-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

I have updated APRSdos somewhat: APRS852.zip ASTK-EXE.ZIP and ADAT-EXE.ZIP.
These are the few tweaks:

- 1) MAPS-PLOTS-POWER command will show PHG circles that are HALF the previous size due to MOBILEs having drastically smaller range due to

multipath and fading. Use MAPS-PLOTS-FIXED command to see the normal ranges for fixed stations (like it was before)..

- 2) APRSdos has always set the decay-down-to net-cycle-time proportional to the length of your path so that by default, APRSdos at events or local applications would use more frequent (10 min) updates, but that longer paths would assume a more regional application with longer timing periods to reduce QRM according to the following table...

10 Mins:	Direct	
10 Mins:	DIGI	or WIDE1-1
20 Mins:	DIGI1,DIGI2	or WIDE2-2
30 mins:	DIGI1,DIGI2,DIGI3...	or WIDE3-N or greater

Problem was, up until NOW, the WIDEn-N were not counted, so a path of WIDE3-3 by itself would be considered a one hop path with a high reporting rate... This is now fixed.

- 3) Added KB2SCS's LOOKUP.EXE to the distribution so that if you want to find all about subject XXXXX in any of the dozens of README files, just use LOOKUP.EXE.

de WB4APR@amsat.org, Bob

PCsat WEB page	http://www.ew.usna.edu/~bruninga/pcsat.html
ISS-APRS FAQ:	http://www.ew.usna.edu/~bruninga/iss-faq.html
CUBESAT Designs	http://www.ew.usna.edu/~bruninga/cubesat.html
APRS LIVE pages	http://www.ew.usna.edu/~bruninga/aprs.html
APRS SATELLITES	http://www.ew.usna.edu/~bruninga/astars.html

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Questions regarding the SIG go to the SIG administrator: wallou@tapr.org

From bounce-aprsnews-839@lists.tapr.org Tue Jul 2 15:04:19 2002
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id PAA09929
for <lyris.aprsnews@tapr.org>; Tue, 2 Jul 2002 15:04:16 -0500 (CDT)
Date: Tue, 2 Jul 2002 16:02:26 -0400 (EDT)
From: Bob Bruninga <bruninga@usna.edu>
X-X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: aprsnews@tapr.org
Subject: [aprsnews] Re: APRSdos update
In-Reply-To: <LYR1106-87778-2002.07.02-14.33.44--

BRUNINGA#NADN.NAVY.MIL@lists.tappr.org>
Message-ID: <LYR839-87800-2002.07.02-15.41.50--
lyris.aprsnews#tappr.org@lists.tappr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
X-Virus-Scanned: by amavisd-milter (<http://amavis.org/>)
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyriss Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tappr.org>>
X-Message-Id: <Pine.GSO.4.44.0207021601180.23253-100000@arctic>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

On Tue, 2 Jul 2002, Bob Bruninga wrote:

> I have updated APRSdos somewhat: APRS852.zip ASTK-EXE.ZIP and ADAT-EXE.ZIP.
> These are the few tweaks:

Oh, and the APRStk and APRSdata satellite files now contain A0-7 which is
back alive after 27 years...

Bob

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From bounce-aprsnews-839@lists.tappr.org Wed Jul 3 19:05:58 2002
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id TAA09539
for <lyris.aprsnews@tappr.org>; Wed, 3 Jul 2002 19:05:56 -0500 (CDT)
Date: Wed, 3 Jul 2002 17:36:01 -0400 (EDT)
From: Bob Bruninga <bruninga@usna.edu>
X-X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Subject: [aprsnews] APRS via ISS
Message-ID: <LYR839-87980-2002.07.03-19.43.35--
lyris.aprsnews#tappr.org@lists.tappr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
X-Virus-Scanned: by amavisd-milter (<http://amavis.org/>)
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>

List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <Pine.GS0.4.44.0207031735360.18062-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

APRS on ISS:

Now that ISS is again doing packet, and APRS is welcome,... I caution everyone not to overdo it. Seeing your duplicated packet many many times makes you look bad and APRS look bad. One guy (not APRS) was transmitting every 10 seconds!

Also the BBS is again active and everyone is arguing over who gets to use it. The ARISS recommendation is still to not use it. Leave that for the crew and the VIP stations. Remember these guidelines:

- 1) Dont operate unattended (or set one packet every 5 mins if you need to)
- 2) If attended, and a 50W Mobile, I would transmit no more often than once every three minutes. If a D7 HT with only 5W, I might do 2 minutes.

Your goal is not to QRM anyone else, but to get your packet in at least once on the pass so others can see you and or QSL or contact you... Same for Messages. One successful digipeat and everyone will have seen it...

de WB4APR@amsat.org, Bob

ISS-APRS FAQ: <http://www.ew.usna.edu/~bruninga/iss-faq.html>

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From bounce-aprsnews-839@lists.tapr.org Fri Jul 12 09:22:58 2002
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id JAA16619
for <lyris.aprsnews@tapr.org>; Fri, 12 Jul 2002 09:22:55 -0500 (CDT)

Date: Fri, 12 Jul 2002 10:04:43 -0400 (EDT)
From: Bob Bruninga <bruninga@usna.edu>
X-X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: TAPR APRS SIG <aprssig@lists.tapr.org>, <aprsnews@lists.tapr.org>
Subject: [aprsnews] Re: SATgate Identification...
In-Reply-To: <1026443331.29856.235.camel@Daneel.augur.homeip.net>
Message-ID: <LYR839-89037-2002.07.12-10.00.58--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
X-Virus-Scanned: by amavisd-milter (<http://amavis.org/>)
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <Pine.GSO.4.44.0207120959390.29415-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

On 11 Jul 2002, David L Norris wrote:

> > The correct ICon for an IGate is a GATE with an "I" overlay...
>
> What is a GATE symbol? I see no mention of it in symbols.txt. I found
> something in the APRS101 document called a "HF Gateway" which says
> (diamond) next to it.

OOPS, good point. Historically there was only the primary table, and only the HF GATE Icon (/&). But then when we added the alternate table, the intention was that the GATE DIAMOND (\&) would be used for all types of gateways and the type of gateway would be shown by the OVERLAY character.

H = HF GATE
I = Internet Gate
6 = 6 meter gate etc....

Now seeing that the actual table entry was only named "DIAMOND" in the spec now explains why so few people use it for GATEWAYS. In the future I will make sure to spell out that the DIAMOND is the GATEWAY ICON...

Thanks for highlighting this error...

de WB4APR@amsat.org, Bob

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From bounce-aprsnews-839@lists.tapr.org Tue Jul 16 10:48:11 2002
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id KAA07874
for <lyris.aprsnews@tapr.org>; Tue, 16 Jul 2002 10:48:06 -0500 (CDT)
Date: Tue, 16 Jul 2002 11:31:53 -0400 (EDT)
From: Bob Bruninga <bruninga@usna.edu>
X-X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] APRS Digi overlays and other APRS info
Message-ID: <LYR839-89645-2002.07.16-11.26.20--
lyris.aprsnews@tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
X-Virus-Scanned: by amavisd-milter (<http://amavis.org/>)
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <Pine.GS0.4.44.0207161129460.24505-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

I have accumulated a few existing additions and modifications to the APRS SPEC onto two web pages. One for TOCALLS and the other for the EXPERIMENTAL TYPE FORMATS.

see <http://www.ew.usna.edu/~bruninga/sitemap.html>

And look under the APRS category... These web pages are where I will try to keep the latest list of TOCALLS and EXPERIMENTAL FORMATS posted...

de WB4APR, Bob

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From bounce-aprsnews-839@lists.tappr.org Tue Jul 16 12:22:59 2002
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id MAA12867
for <lyris.aprsnews@tappr.org>; Tue, 16 Jul 2002 12:22:58 -0500 (CDT)
Date: Tue, 16 Jul 2002 13:20:13 -0400 (EDT)
From: Bob Bruninga <bruninga@usna.edu>
X-X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Subject: [aprsnews] PCsat sets NODIGI
Message-ID: <LYR839-89661-2002.07.16-13.01.08--
lyris.aprsnews#tappr.org@lists.tappr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
X-Virus-Scanned: by amavisd-milter (<http://amavis.org/>)
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tappr.org>>
X-Message-Id: <Pine.GS0.4.44.0207161259500.26639-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

PCsat users:

We just turned DIGI OFF and all 1200 baud TLM off.

Although PCsat has been perfectly usable in the afternoons into early evenings, we are still running the batteries down on every eclipse. So today I thought of one last low power mode I can try so we turned DIGI and TELEMETRY OFF to see if we can make it through just ONE eclipse. Thats all we would need to recover PCsat back into positive power budget.

I will try this for the daytime passes over the USA this week (which will effect the evening passes over Europe)...

The lowest power mode of PCsat has been with all BULLETINS and all DIGIpeating turned off. Also we disable 9600 baud 1 minute telemetry as well. Thus the only thing remaining was the once per minute single 1200 baud telemetry packet which is required to keep the heart-beat fail-safe reset timer tickled. Whats new, is that we realized that if we switched the 1/min TLM to 9600 baud instead of 1200, we would further reduce the minimum transmit duty cycle in our lowest power mode. Thus halving our transmit current drain.

Unfortunately, our TRANSMIT power is already less than 10% of the overall bus power, so this move will only gain us about 5%, but worth trying... Our minimum transmit average current drain (1 packet per minute) is

only about 16 ma out of the nominal 160 ma low power mode. Dropping this in half saves us about 8 ma. Who knows, maybe it is the straw that can give new life to the camel?

Anyway, when PCsat is in this minimum mode, the ONLY thing you will hear will be a once a minute half second noise burst... (9600 bd TLM)... nothing else.

Sorry for the inconvenience. If you were planning a PCsat demo this week, let us know and we will turn it back on.

de WB4APR@amsat.org, Bob

PCsat WEB page	http://www.ew.usna.edu/~bruninga/pcsat.html
ISS-APRS FAQ:	http://www.ew.usna.edu/~bruninga/iss-faq.html
CUBESAT Designs	http://www.ew.usna.edu/~bruninga/cubesat.html
APRS LIVE pages	http://www.ew.usna.edu/~bruninga/aprs.html
APRS SATELLITES	http://www.ew.usna.edu/~bruninga/astars.html

You are currently subscribed to aprsnews as: lyris.aprsnews@tapr.org
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wallou@tapr.org

From bounce-message-839@lists.tapr.org Wed Jul 17 17:21:39 2002
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id RAA14450
for <lyris.aprsnews@tapr.org>; Wed, 17 Jul 2002 17:21:39 -0500 (CDT)
Message-Id: <LYR839-89843-2002.07.17-17.59.59--
lyris.aprsnews#tapr.org@lists.tapr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tapr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tapr.org>
To: lyris.aprsnews@tapr.org
Subject: Your confirmation is needed (ok 839)
Date: Wed, 17 Jul 2002 17:59:59 -0500

Your email address 'lyris.aprsnews@tapr.org' has been submitted to be unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tappr.org

You will receive notification that your confirmation has been received, and
that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the
mailing list.

Return-Path: <jcecil39@yahoo.com>
Received: from mx12.cluster1.charter.net ([209.225.8.22]) by lists.tappr.org with
SMTP (Lyris Server version 3.0); Wed, 17 Jul 2002 17:59:57 -0500
Received: from [66.191.173.111] (HELO user-bbxdmnnh9d)
by mx12.cluster1.charter.net (CommuniGate Pro SMTP 3.5.9)
with ESMTP id 47236257 for leave-aprsnews-839e@lists.tappr.org; Wed, 17 Jul 2002
18:20:58 -0400
Message-ID: <4123-220027317222143126@user-bbxdmnnh9d>
From: "joe" <jcecil39@yahoo.com>
To: aprsnews-request
Subject:
Date: Wed, 17 Jul 2002 18:21:43 -0400
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tappr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <jcecil39@yahoo.com>
Received: from mx12.cluster1.charter.net ([209.225.8.22]) by lists.tappr.org with
SMTP (Lyris Server version 3.0); Wed, 17 Jul 2002 17:59:57 -0500
Received: from [66.191.173.111] (HELO user-bbxdmnnh9d)
by mx12.cluster1.charter.net (CommuniGate Pro SMTP 3.5.9)
with ESMTP id 47236257 for leave-aprsnews-839e@lists.tappr.org; Wed, 17 Jul 2002
18:20:58 -0400
Message-ID: <4123-220027317222143126@user-bbxdmnnh9d>
From: "joe" <jcecil39@yahoo.com>
To: leave-aprsnews-839e@lists.tappr.org
Subject: HOT BUISNESS OPPORTUNITY WANT TO MAKE MONEY?
Date: Wed, 17 Jul 2002 18:21:43 -0400
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

WANT TO MAKE MONEY?
=20
\$
=20
HOT BUSINESS OPPERTUNITY AVAILABLE
FOR THOSE WHO QUALIFY=2E=2E=2E
=20
1=2E MUST BE A UNITED STATES RESIDENT
=20
2=2E MUST BE 21 YEARS OF AGE OR OVER=2E
=20
YOU WILL SHARE IN DIALYSIS CENTERS OF AMERICA
LATEST CASH INCOME STREAM=2E
=20
EARN OVER 30% RETURN ON YOUR MONEY!
INTEREST PAID ANNUALLY!
COMPLETELY LEGAL=2E
=20
TO FIND OUT ALL THE HOW'S AND WHY'S,
REPLY TODAY WITH YOUR NAME, STATE AND COMPLETE PHONE=20
NUMBER=2E DETAILS WILL SOON FOLLOW!

From bounce-message-839@lists.tapr.org Thu Jul 18 10:38:01 2002
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id KAA05406
for <lyris.aprsnews@tapr.org>; Thu, 18 Jul 2002 10:38:01 -0500 (CDT)
Message-Id: <LYR839-89980-2002.07.18-11.16.21--
lyris.aprsnews#tapr.org@lists.tapr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tapr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tapr.org>
To: lyris.aprsnews@tapr.org
Subject: Your confirmation is needed (ok 839)
Date: Thu, 18 Jul 2002 11:16:21 -0500

Your email address 'lyris.aprsnews@tapr.org' has been submitted to be
unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be
unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that
the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to

unsubscribe-confirm@lists.tapr.org

You will receive notification that your confirmation has been received, and that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the mailing list.

Return-Path: <zlalov@yahoo.com>

Received: from svebn002.eurochart.com ([194.78.1.180]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Thu, 18 Jul 2002 11:16:17 -0500

Received: from smtp0311.mail.yahoo.com (chio-109.man.polbox.pl [195.116.6.109]) by svebn002.eurochart.com with SMTP (Microsoft Exchange Internet Mail Service Version 5.5.2650.21)

id PC09K45B; Wed, 17 Jul 2002 21:16:01 +0200

Date: Wed, 17 Jul 2002 21:25:45 +0200

From: zlalov@yahoo.com

X-Priority: 3

To: aprsnews-request

Subject:

Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Mail sent to leave-aprsnews-839e was converted to these commands:

unsubscribe aprsnews lyris.aprsnews@tapr.org confirm

end

This is the text of the message that triggered the action:

Return-Path: <zlalov@yahoo.com>

Received: from svebn002.eurochart.com ([194.78.1.180]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Thu, 18 Jul 2002 11:16:17 -0500

Received: from smtp0311.mail.yahoo.com (chio-109.man.polbox.pl [195.116.6.109]) by svebn002.eurochart.com with SMTP (Microsoft Exchange Internet Mail Service Version 5.5.2650.21)

id PC09K45B; Wed, 17 Jul 2002 21:16:01 +0200

Date: Wed, 17 Jul 2002 21:25:45 +0200

From: zlalov@yahoo.com

X-Priority: 3

To: leave-aprsnews-839e@lists.tapr.org

Subject: Job

Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

'Day !

G'Day !

I saw your advert on the classifieds, and
being involved with internet business, I wondered if you had
seen our vertical downline innovation , perhaps it might
complement your existing business ?

The ad is below:- zlalov@yahoo.com

LIMITED TIME offer FREE SOFTWARE

That You Can Start Using Right Now To

Bring Instant Visitors To ANY Web Site !

YOU HAVE NOTHING to LOSE and POTENTIALLY a LOT to GAIN.

<http://worldventure.5u.com/>

Kind regards,

Zlatka Lovic

If you have received this email in error or someone else is using your email
address without your knowledge click on link:This is a one time mailing and you
will not be contacted again and though it is not necessary to request removal, you
may do so by sending an email to:<<mailto:zlalov@yahoo.com?subject=Remove>>

Postovani!

Dajemo Vam mogucnost da prepoznate svoju priliku i zaradite!

DOKAZANO PROFITABILNI INTERNET BIZNIS ñ Svi o njemu pricaju ali sto je on doista?

Posao koji Vam moze dopuniti kucni budzet, a i dalje radite svoj stalni posao
(ukoliko ste jedan od sretnika koji ga ima).

Nista ne morate prodavati, kupovati ili klikati na linkove da bi zaradili.

Radite ga od kuće kada Vi zelite.

Ukljucenje je apsolutno besplatno i bez rizika, a ipak dobijate odredene
pogodnosti!

Ukoliko ulozite minimalni trud, zarada je garantirana. To Vam jamci cijeli tim
ljudi, koji ce Vam uvijek pomoci savjetom i odgovorom na svako Vase pitanje.

Sve sto trebate uciniti je ostaviti ime, prezime i e-mail adresu na:

<http://www.worldventure.5u.com/>

... a mi cemo Vas kontaktirati i upoznati sa ovom izuzetnom poslovnom prilikom.

Vjerujte, necete biti razocarani.

Ponudu za ovaj posao dobili ste samo jedan puta i vise vas necu kontaktirati
ukoliko to sami ne zatražite, a takoder mozete i klikom na link:<[zlalov@yahoo.com?](mailto:zlalov@yahoo.com?subject=Remove)
subject=Remove> biti sigurni da Vas vise necu sigurno kontaktirati.

.

S postovanjem

Zlatka Lovic

From bounce-aprsnews-839@lists.tappr.org Thu Jul 18 12:18:26 2002
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id MAA12390
for <lyris.aprsnews@tappr.org>; Thu, 18 Jul 2002 12:18:20 -0500 (CDT)
Message-ID: <LYR839-90012-2002.07.18-12.56.35--
lyris.aprsnews#tappr.org@lists.tappr.org>
X-EM-Version: 6, 0, 0, 3
X-EM-Registration: #00E0641810D91B008120
X-Priority: 3
Reply-To: stanzepa@earthlink.net
X-Originating-IP: 207.190.252.114
X-URL: http://mail2web.com/
From: "stanzepa@earthlink.net" <stanzepa@earthlink.net>
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Cc: stanzepa@earthlink.net
Subject: [aprsnews] Write for PSR
Date: Thu, 18 Jul 2002 13:17:24 -0400
MIME-Version: 1.0
Content-type: text/plain; charset=iso-8859-1
X-OriginalArrivalTime: 18 Jul 2002 17:17:24.0412 (UTC)
FILETIME=[FBBE87C0:01C22E7E]
X-Spam-Status: No, hits=3.2 required=5.0
tests=X_EM_VER_PRESENT, FROM_NAME_EQ_FROM_ADDR version=2.20
X-Spam-Level: ***
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
X-Message-Id: <4910-22002741817172494@M2W074.mail2web.com>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk
Content-Transfer-Encoding: 8bit
X-MIME-Autoconverted: from quoted-printable to 8bit by tappr.org id MAA12390

TAPR members:

Here is your chance to become rich and famous! Well, maybe not rich, but certainly famous.

The editorial board of Packet Status Register (PSR, TAPR's quarterly newsletter) is now soliciting articles, news items, etc. for the next issue of the newsletter. Topics related to digital Amateur Radio will be given preference and the editorial board reserves the right to determine what is suitable for publication.

E-mail your contributions to wallou@tappr.org ASAP because the deadline for the next issue of the newsletter is July 24.

73,

Stan Horzepa, WA1LOU, PSR Editor

mail2web - Check your email from the web at
<http://mail2web.com/> .

You are currently subscribed to aprsnews as: lyris.aprsnews@tapr.org
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

From bounce-aprsnews-839@lists.tapr.org Fri Jul 19 20:03:21 2002
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id UAA18695
for <lyris.aprsnews@tapr.org>; Fri, 19 Jul 2002 20:03:19 -0500 (CDT)
Date: Fri, 19 Jul 2002 19:53:29 -0400 (EDT)
From: Bob Bruninga <bruninga@usna.edu>
X-X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: aprsnews@lists.tapr.org
Subject: [aprsnews] APRS Talk at RAC Convention
Message-ID: <LYR839-90231-2002.07.19-20.41.42--
lyris.aprsnews@tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
X-Virus-Scanned: by amavisd-milter (<http://amavis.org/>)
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <Pine.GS0.4.44.0207191947340.17613-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

For what it is worth, I will be giving two seminars
at the Radio Amateurs of Canada (RAC) National
Convention 26-28 July in Vernon, British Columbia.

1730 Friday Food gathering
1100 Saturday

1000 Sunday

de WB4APR@amsat.org, Bob

You are currently subscribed to aprsnews as: lyris.aprsnews@tapr.org
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wallou@tapr.org

From bounce-message-839@lists.tapr.org Wed Jul 24 15:20:11 2002
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id PAA29991
for <lyris.aprsnews@tapr.org>; Wed, 24 Jul 2002 15:20:11 -0500 (CDT)
Message-Id: <LYR839-90905-2002.07.24-15.58.49--
lyris.aprsnews@tapr.org@lists.tapr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tapr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tapr.org>
To: lyris.aprsnews@tapr.org
Subject: Your confirmation is needed (ok 839)
Date: Wed, 24 Jul 2002 15:58:49 -0500

Your email address 'lyris.aprsnews@tapr.org' has been submitted to be
unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be
unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that
the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tapr.org

You will receive notification that your confirmation has been received, and
that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the
mailing list.

Return-Path: <zani@prontomail.com>
Received: from mail.gztvs.com ([61.189.156.26]) by lists.tapr.org with SMTP (Lyris
Server version 3.0); Wed, 24 Jul 2002 15:58:46 -0500

Received: from smtp0261.mail.yahoo.com ([172.16.1.5])
by mail.gztvs.com (8.10.1/8.10.1) with SMTP id g60K03H07326
for <leave-aprsnews-839e@lists.tapr.org>; Thu, 25 Jul 2002 04:00:12 +0800
Message-Id: <200207242000.g60K03H07326@mail.gztvs.com>
Date: Wed, 24 Jul 2002 22:31:54 +0200
From: zani@prontomail.com
X-Priority: 3
To: aprsnews-request
Subject:
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable
X-MIME-Autoconverted: from 8bit to quoted-printable by mail.gztvs.com id
g60K03H07326

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tapr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <zani@prontomail.com>
Received: from mail.gztvs.com ([61.189.156.26]) by lists.tapr.org with SMTP (Lyris
Server version 3.0); Wed, 24 Jul 2002 15:58:46 -0500
Received: from smtp0261.mail.yahoo.com ([172.16.1.5])
by mail.gztvs.com (8.10.1/8.10.1) with SMTP id g60K03H07326
for <leave-aprsnews-839e@lists.tapr.org>; Thu, 25 Jul 2002 04:00:12 +0800
Message-Id: <200207242000.g60K03H07326@mail.gztvs.com>
Date: Wed, 24 Jul 2002 22:31:54 +0200
From: zani@prontomail.com
X-Priority: 3
To: leave-aprsnews-839e@lists.tapr.org
Subject: Internet Bussiness
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable
X-MIME-Autoconverted: from 8bit to quoted-printable by mail.gztvs.com id
g60K03H07326

G'Day !=20
You desperately need A FINANCIAL FREEDOM ?=20
Don't have enough TIME FOR YOU and YOUR FAMILY ?=20
Being FRUSTRATED WITH YOUR CURRENT JOB ?=20
Don't miss this UNIQUE OPPORTUNITY to secure Yourself an incredible money=
SAVING and money MAKING opportunity with Minimum Income guarantee !!!=20
We're looking for people with GOOD WORK ETHIC and STRONG DESIRE to earn a=
t least GUARANTEED MINIMUM COMMISSION every month !=20
THIS IS NOT A GET RICH QUICK SCHEME!=20

Join This 4 year old established Home Based E-Marketing business as a FREE MEMBER and you will then receive a series of emails telling you about this business.=20

You get to JOIN FREE first and watch your VERTICAL DOWNLINE Grow Under YOU, before deciding to spend a dime !=20

Join and get more information here:=20

<<http://worldventure.5u.com/>

G'Day !=20

You desperately need A FINANCIAL FREEDOM !=20

Don't have enough TIME FOR YOU and YOUR FAMILY !=20

Being FRUSTRATED WITH YOUR CURRENT JOB !=20

Don't miss this UNIQUE OPPORTUNITY to secure Yourself an incredible money=SAVING and money MAKING opportunity with Minimum Income guarantee !!!=20

We're looking for people with GOOD WORK ETHIC and STRONG DESIRE to earn at least GUARANTEED MINIMUM COMMISSION every month !=20

THIS IS NOT A GET RICH QUICK SCHEME!=20

Join This 4 year old established Home Based E-Marketing business as a FREE MEMBER and you will then receive a series of emails telling you about this business.=20

You get to JOIN FREE first and watch your VERTICAL DOWNLINE Grow Under YOU, before deciding to spend a dime !=20

Join and get more information here:=20

<<http://worldventure.5u.com/>=20

God Bless !=20

Zlatka=20

God Bless !=20

Zlatka=20

OVO NIJE SPAM POSTA

=09

Postovani!

Dajemo Vam mogucnost da prepoznate svoju priliku i zaradite!

DOKAZANO PROFITABILNI INTERNET BIZNIS =96 Svi o njemu pricaju ali sto je =on doista?

Posao koji Vam moze dopuniti kucni budzet, a i dalje radite svoj stalni posao (ukoliko ste jedan od sretnika koji ga ima).=20

Nista ne morate prodavati, kupovati ili klikati na linkove da bi zaradili.=20

Radite ga od kuce kada Vi zelite.=20

Ukljucenje je apsolutno besplatno i bez rizika, a ipak dobijate odredene pogodnosti!=20

Ukoliko ulozite minimalni trud, zarada je garantirana. To Vam jamci cijeli i tim ljudi, koji ce Vam uvijek pomoci savjetom i odgovorom na svako Vase pitanje.

Sve sto trebate uciniti je ostaviti ime, prezime i e-mail adresu na:

<http://www.worldventure.5u.com/>

... a mi cemo Vas kontaktirati i upoznati sa ovom izuzetnom poslovnom prilikom. Vjerujte, necete biti razocarani.

Ponudu za ovaj posao dobili ste samo jedan put i vise vas necu kontaktirati ukoliko to sami ne zatražite.

S postovanjem

Zlatka

From bounce-message-839@lists.tapr.org Wed Jul 24 22:11:25 2002

Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])

by tapr.org (8.9.3/8.9.3/1.13) with SMTP id WAA20489

for <lyris.aprsnews@tapr.org>; Wed, 24 Jul 2002 22:11:25 -0500 (CDT)

Message-Id: <LYR839-90950-2002.07.24-22.50.02--

lyris.aprsnews#tapr.org@lists.tapr.org>

X-Lyris-Type: unsub-conf-req

From: Lyris <unsubscribe-confirm@lists.tapr.org>

Reply-To: Lyris <unsubscribe-confirm@lists.tapr.org>

To: lyris.aprsnews@tapr.org

Subject: Your confirmation is needed (ok 839)

Date: Wed, 24 Jul 2002 22:50:02 -0500

Your email address 'lyris.aprsnews@tapr.org' has been submitted to be unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to unsubscribe-confirm@lists.tapr.org

You will receive notification that your confirmation has been received, and that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the mailing list.

Return-Path: <ads@cardsinadvance.com>

Return-Path: ads@cardsinadvance.com

Received: from web1 ([159.134.104.28]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Wed, 24 Jul 2002 22:49:32 -0500

Received: from ([159.134.104.28]) by web1 with Microsoft SMTPSVC(5.0.2195.2966); Thu, 25 Jul 2002 03:30:22 +0100

From: Cards In Advance <ads@cardsinadvance.com>
To: aprsnews-request
Subject:
X-Mailer: Microsoft Outlook Express 5.00.2615.200
Reply-To: ads@cardsinadvance.com
Date: Thu, 25 Jul 2002 03:30:18 -0000
Mime-Version: 1.0
Content-Type: text/html; charset=us-ascii
Message-ID: <WEB1W234x0jIL2jpWkf000008be@web1>
X-OriginalArrivalTime: 25 Jul 2002 02:30:22.0199 (UTC)
FILETIME=[39B99070:01C23383]

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tapr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <ads@cardsinadvance.com>
Received: from web1 ([159.134.104.28]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Wed, 24 Jul 2002 22:49:32 -0500
Received: from ([159.134.104.28]) by web1 with Microsoft SMTPSVC(5.0.2195.2966);
Thu, 25 Jul 2002 03:30:22 +0100
From: Cards In Advance <ads@cardsinadvance.com>
To: leave-aprsnews-839e@lists.tapr.org
Subject: personalize and send real paper greeting cards from your PC
X-Mailer: Microsoft Outlook Express 5.00.2615.200
Reply-To: ads@cardsinadvance.com
Date: Thu, 25 Jul 2002 03:30:18 -0000
Mime-Version: 1.0
Content-Type: text/html; charset=us-ascii
Return-Path: ads@cardsinadvance.com
Message-ID: <WEB1W234x0jIL2jpWkf000008be@web1>
X-OriginalArrivalTime: 25 Jul 2002 02:30:22.0199 (UTC)
FILETIME=[39B99070:01C23383]

<HTML>

<HEAD>

<TITLE>Cards In Advance</TITLE>

<META NAME="copyright" CONTENT="Copyright © 2002, Cards In Advance. All rights reserved.">

<STYLE>

<!--

A:link {text-decoration: none; font-size : 10pt; color: #0004B2}

```

A:link.small {text-decoration: none; font-size : 10pt; color: #0004B2}
A:link.white {text-decoration: none; font-size : 10pt; color: #F5F1F1}

A:visited {text-decoration: none; font-size : 10pt; color: #0004B2}
A:visited.small {text-decoration: none; font-size : 10pt; color: #0004B2}
A:visited.white {text-decoration: none; font-size : 10pt; color: #F5F1F1}

A:active {text-decoration: none; font-size : 10pt}

A:hover {text-decoration: underline; font-size : 10pt; color: #CC0000 }
A:hover.small {text-decoration: underline; font-size : 10pt; color: #CC0000 }
A:hover.white {text-decoration: none; font-size : 10pt; color: #CC00000}

td {font-family: Verdana; font-size: 10pt}
input {font-size: 10px; background: #FFFFFF;}
option {font-size: 10px; background: #FFFFFF;}
select {font-size: 10px; background: #FFFFFF;}
textarea {font-family: Verdana; font-size: 10pt}

body {
font-family: Verdana, Helvetica, sans-serif; font-size: 10pt
margin-top: 0px;
margin-left: 5px;
margin-right: 0px;
margin-bottom: 0px;
scrollbar-face-color: #95BFE7;
scrollbar-shadow-color: #DEEBF7;
scrollbar-highlight-color: #ffffff;
scrollbar-3dlight-color: #717171;
scrollbar-darkshadow-color: #103884;
scrollbar-track-color: #F1F5F9;
scrollbar-arrow-color: #103884;
}

.w {color: #FFFFFF}
.title {font-weight: bold; font-family: Verdana; font-size: 12pt}
.subtitle {font-weight: bold; font-family: Verdana; font-size: 11pt}
.small {font-family: Verdana; font-size: 8pt}
.sb {font-family: Verdana; font-weight: bold; font-size: 8pt}
.esb {font-family: Verdana; font-weight: bold; font-size: 7pt}
.bi {font-weight: bold; font-style: italic}
.rating {font-weight: bold; font-family: Verdana; font-size: 16pt; color: #C0000E}
.web {font-family: Webdings; font-size: 18pt; color: #C0000E}

.button {font-size: 10pt; color: #000000; background: #CECECE;}
-->
</STYLE>

```

```
</HEAD>
<BODY BGCOLOR="#FFFFFF" TOPMARGIN="0" LEFTMARGIN="0" LINK="#000000"
ALINK="#808080" VLINK="#000000">

<SMALL>

<CENTER>

<BR>

<TABLE cellSpacing=0 cellPadding=0 border=0>
<TBODY>
<TR vAlign=top align=center WIDTH="209">
<TD WIDTH=200 bgColor=#103884>
<BR>

<IMG SRC="http://www.cardsinadvance.com/ads/images/btt_eday.gif" ALT="EVERYDAY
CARDS" VSPACE=2 HSPACE=5 WIDTH=142 HEIGHT=17><BR>

<TABLE BORDER=0 CELLSPACING=2 CELLPADDING=0>
<TR VALIGN=TOP>
<TD><FORM ACTION="http://www.cardsinadvance.com/card_list.cfm"
METHOD="GET"><SELECT NAME="Card_Type">
<OPTION VALUE="BIRT" SELECTED>Birthday</OPTION>
<OPTION VALUE="ANNI">Anniversary</OPTION>
<OPTION VALUE="GETW">Get Well Soon</OPTION>
<OPTION VALUE="THIN">Thinking of you</OPTION>
<OPTION VALUE="CONG">Congratulations</OPTION>
<OPTION VALUE="SYMP">Sympathy</OPTION>
<OPTION VALUE="ENGA">Engagement</OPTION>
<OPTION VALUE="GOOD">Good Luck</OPTION>
<OPTION VALUE="BABY">New Baby</OPTION>
<OPTION VALUE="NEWH">New Home</OPTION>
<OPTION VALUE="LOVE">Love & Romance</OPTION>
<OPTION VALUE="FRIE">Friendship</OPTION>
<OPTION VALUE="RETI">Retirement</OPTION>
<OPTION VALUE="GRAD">Graduation</OPTION>
<OPTION VALUE="THAN">Thank You</OPTION>
</SELECT>
</TD>
</TR>
<TR VALIGN=TOP>
<TD ALIGN=RIGHT><INPUT TYPE="IMAGE" SRC="http://www.cardsinadvance.com/ads/images/
btt_go.gif" NAME="GO" WIDTH=65 HEIGHT=15 VSPACE=0 BORDER=0></TD>
</TR>
</TABLE>

<IMG SRC="http://www.cardsinadvance.com/ads/images/1x1.gif" VSPACE=5><BR>
```


<TABLE BORDER=0 CELLSPACING=2 CELLPADDING=0>

<TR VALIGN=TOP>

<TD NOWRAP></FORM><FORM ACTION="http://www.cardsinadvance.com/card_list.cfm" METHOD="GET"><SELECT NAME="Card_Type">

<OPTION VALUE="VALE">Valentine's Day (Feb)</OPTION>

<OPTION VALUE="PASS">Passover (Apr)</OPTION>

<OPTION VALUE="EAST">Easter (Apr)</OPTION>

<OPTION VALUE="MOTH" SELECTED>Mother's Day (May)</OPTION>

<OPTION VALUE="FATH">Father's Day (Jun)</OPTION>

<OPTION VALUE="ROSH">Rosh Hashana (Sep)</OPTION>

<OPTION VALUE="HALL">Halloween (Oct)</OPTION>

<OPTION VALUE="TGIV">Thanksgiving (Nov)</OPTION>

<OPTION VALUE="XMAS">Christmas (Dec)</OPTION>

<OPTION VALUE="YEAR">Happy New Year (Dec)</OPTION>

<OPTION VALUE="HANN">Hanukkah (Dec)</OPTION>

</SELECT>

</TD>

</TR>

<TR VALIGN=TOP>

<TD ALIGN=RIGHT><INPUT TYPE="IMAGE" SRC="http://www.cardsinadvance.com/ads/images/btt_go.gif" NAME="GO" WIDTH=65 HEIGHT=15 VSPACE=0 BORDER=0></TD>

</TR>

</TABLE>

</CENTER></TD>

<TD></TD>

</TR>

</TBODY>

</TABLE>

<TABLE cellSpacing=0 cellPadding=0 width=500 border=0>

<TBODY>

<TR>

<TD>
You received this email because you signed up at one of Cards In Advance's websites or you signed up with a party

that has contracted with Cards In Advance. To unsubscribe from the Cards In Advance mailing list please reply to this email with "remove" as the subject.</TD></TR></TBODY>

</TABLE>

</CENTER>

</FORM>

</BODY></HTML>

From bounce-message-839@lists.tappr.org Thu Jul 25 13:19:06 2002
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id NAA04500
for <lyris.aprsnews@tappr.org>; Thu, 25 Jul 2002 13:19:06 -0500 (CDT)
Message-Id: <LYR839-91049-2002.07.25-13.57.46--
lyris.aprsnews#tappr.org@lists.tappr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tappr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tappr.org>
To: lyris.aprsnews@tappr.org
Subject: Your confirmation is needed (ok 839)
Date: Thu, 25 Jul 2002 13:57:46 -0500

Your email address 'lyris.aprsnews@tappr.org' has been submitted to be unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tappr.org

You will receive notification that your confirmation has been received, and that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the mailing list.

Return-Path: <toni@prontomail.com>

Received: from ns.gc-korea.com ([61.37.24.5]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Thu, 25 Jul 2002 13:57:42 -0500
Received: from smtp0592.mail.yahoo.com (MASTER [217.165.60.19]) by ns.gc-korea.com with SMTP (Microsoft Exchange Internet Mail Service Version 5.5.2653.13)
id PS68YH96; Fri, 26 Jul 2002 03:08:34 +0900
Date: Thu, 25 Jul 2002 20:27:21 +0200
From: toni@prontomail.com
X-Priority: 3
To: aprsnews-request
Subject:
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tapr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <toni@prontomail.com>
Received: from ns.gc-korea.com ([61.37.24.5]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Thu, 25 Jul 2002 13:57:42 -0500
Received: from smtp0592.mail.yahoo.com (MASTER [217.165.60.19]) by ns.gc-korea.com with SMTP (Microsoft Exchange Internet Mail Service Version 5.5.2653.13)
id PS68YH96; Fri, 26 Jul 2002 03:08:34 +0900
Date: Thu, 25 Jul 2002 20:27:21 +0200
From: toni@prontomail.com
X-Priority: 3
To: leave-aprsnews-839e@lists.tapr.org
Subject: Internet business
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

G'Day !
I saw your advert on the classifieds, and
being involved with internet business, I wondered if you had
seen our vertical downline innovation , perhaps it might
complement your existing business ?
The ad is below:- zlatlov@yahoo.com
LIMITED TIME offer FREE SOFTWARE
That You Can Start Using Right Now To
Bring Instant Visitors To ANY Web Site !
YOU HAVE NOTHING to LOSE and POTENTIALLY a LOT to GAIN.
<http://worldventure.5u.com/>
Kind regards,
Zlatka Lovic

If you have received this email in error or someone else is using your email address

without your knowledge click on link: This is a one time mailing and you will not be contacted again and though it is not necessary to request removal, you may do so by

sending an email to: <mailto:zlalov@yahoo.com?subject=Remove>

=====0

Postovani!

Dajemo Vam mogucnost da prepoznate svoju priliku i zaradite!

DOKAZANO PROFITABILNI INTERNET BIZNIS ñ Svi o njemu pricaju ali sto je on doista?

Posao koji Vam moze dopuniti kucni budzet, a i dalje radite svoj stalni posao (ukoliko ste jedan od sretnika koji ga ima).

Nista ne morate prodavati, kupovati ili klikati na linkove da bi zaradili.

Radite ga od kuće kada Vi zelite.

Ukljucenje je apsolutno besplatno i bez rizika, a ipak dobijate odredene pogodnosti!

Ukoliko ulozite minimalni trud, zarada je garantirana. To Vam jamci cijeli tim ljudi, koji ce Vam uvijek

pomoci savjetom i odgovorom na svako Vase pitanje.

Sve sto trebate uciniti je ostaviti ime, prezime i e-mail adresu na:

<http://www.worldventure.5u.com/>

... a mi cemo Vas kontaktirati i upoznati sa ovom izuzetnom poslovnom prilikom.

Vjerujte, necete biti razocarani.

Ponudu za ovaj posao dobili ste samo jedan puta i vise vas necu kontaktirati

ukoliko to sami ne zatražite,

a takoder mozete i klikom na link: <zlalov@yahoo.com?subject=Remove> biti sigurni da Vas vise necu

sigurno kontaktirati.

S postovanjem

Zlatka Lovic

From bounce-message-839@lists.tapr.org Thu Jul 25 22:35:51 2002

Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])

by tapr.org (8.9.3/8.9.3/1.13) with SMTP id WAA00387

for <lyris.aprsnews@tapr.org>; Thu, 25 Jul 2002 22:35:49 -0500 (CDT)

Message-Id: <LYR839-91106-2002.07.25-23.14.24--

lyris.aprsnews#tapr.org@lists.tapr.org>

X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tapr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tapr.org>
To: lyris.aprsnews@tapr.org
Subject: Your confirmation is needed (ok 839)
Date: Thu, 25 Jul 2002 23:14:24 -0500

Your email address 'lyris.aprsnews@tapr.org' has been submitted to be unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tapr.org

You will receive notification that your confirmation has been received, and that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the mailing list.

Return-Path: <troikaweb@fibertel.com.ar>
Received: from mail.fibertel.com.ar ([24.232.0.162]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Thu, 25 Jul 2002 23:14:18 -0500
Received: from troikaweb (24.232.122.197) by mail.fibertel.com.ar (5.5.034) id 3D3EBDBC00068CA1 for leave-aprsnews-839e@lists.tapr.org; Fri, 26 Jul 2002 00:37:55 -0300
Message-ID: <3D3EBDBC00068CA1@mail.fibertel.com.ar> (added by postmaster@fibertel.com.ar)
From: Troika <troikaweb@fibertel.com.ar>
To: aprsnews-request
Subject:
X-Mailer: Microsoft Outlook Express 6.00.2600.0000
Reply-To: troikaweb@fibertel.com.ar
Date: Fri, 26 Jul 2002 00:41:37 -0300
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: Quoted-Printable

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tapr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <troikaweb@fibertel.com.ar>
Received: from mail.fibertel.com.ar ([24.232.0.162]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Thu, 25 Jul 2002 23:14:18 -0500
Received: from troikaweb (24.232.122.197) by mail.fibertel.com.ar (5.5.034) id 3D3EBDBC00068CA1 for leave-aprsnews-839e@lists.tapr.org; Fri, 26 Jul 2002 00:37:55 -0300
Message-ID: <3D3EBDBC00068CA1@mail.fibertel.com.ar> (added by postmaster@fibertel.com.ar)
From: Troika <troikaweb@fibertel.com.ar>
To: leave-aprsnews-839e@lists.tapr.org
Subject: Estimado Lector
X-Mailer: Microsoft Outlook Express 6.00.2600.0000
Reply-To: troikaweb@fibertel.com.ar
Date: Fri, 26 Jul 2002 00:41:37 -0300
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: Quoted-Printable

Estimado/a:

Mi molestia se debe a que inaugur=E9 mi p=E1gina de internet c=on la direcci=F3n <http://www.troika.com.ar> donde se puede encontrar informaci=F3n sobre distintos temas de computaci=F3n,hard,soft. Disponemos de un reporte del estado del tiempo actualizado las 24 hs., secciones de download,tutoriales,damos respuestas a las consultas t=E9cnicas de nuestros visitantes.

Le agradezco infinitamente la voluntad de leer el mensaje y esperamos que si es de su inter=E9s visite nuestra p=E1gina y nos comente su opini=F3n.

PRONTO SORTEO INAUGURACION !!!!!

GRACIAS !!!

webmaster
www.troika.com.ar

Si no desea recibir mas este mail sepa disculparnos en primer lugar la in=

tromisi=F3n y rogamos que nos envíe un mail a troikaweb@fibertel.com.ar c=
on el SUBJECT ELIMINAR.

From bounce-aprsnews-839@lists.tappr.org Sat Jul 27 14:36:24 2002
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id OAA17672
for <lyris.aprsnews@tappr.org>; Sat, 27 Jul 2002 14:36:20 -0500 (CDT)
Message-ID: <LYR839-91371-2002.07.27-15.15.02--
lyris.aprsnews#tappr.org@lists.tappr.org>
Date: Sat, 27 Jul 2002 16:28:04 -0400
From: Alex <kr1st@amsat.org>
Reply-To: kr1st@amsat.org
X-Accept-Language: en
MIME-Version: 1.0
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Subject: [aprsnews] New releases of UI Messenger and UI Gate for the Cybiko
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
X-Message-Id: <3D430253.A08A2A08@amsat.org>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

Hi there,

New versions are available for UI Messenger and UI Gate for the Cybiko.
Also, documentation for both applications is now available in PDF
format.

Please visit my new web site at <http://www.kr1st.com> to download the new
releases and to learn more about this free software for the Cybiko.

Thank you and 73,
--Alex (KR1ST)

You are currently subscribed to aprsnews as: lyris.aprsnews@tappr.org
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tappr.org
Questions regarding the SIG go to the SIG administrator: wallou@tappr.org

From bounce-message-839@lists.tappr.org Sun Jul 28 11:26:31 2002
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])

by tapr.org (8.9.3/8.9.3/1.13) with SMTP id LAA17851
for <lyris.aprsnews@tapr.org>; Sun, 28 Jul 2002 11:26:30 -0500 (CDT)
Message-Id: <LYR839-91464-2002.07.28-12.05.20--
lyris.aprsnews#tapr.org@lists.tapr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tapr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tapr.org>
To: lyris.aprsnews@tapr.org
Subject: Your confirmation is needed (ok 839)
Date: Sun, 28 Jul 2002 12:05:20 -0500

Your email address 'lyris.aprsnews@tapr.org' has been submitted to be
unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be
unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that
the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tapr.org

You will receive notification that your confirmation has been received, and
that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the
mailing list.

Return-Path: <zani@prontomail.com>
Received: from linkus.co.kr ([210.121.195.134]) by lists.tapr.org with SMTP (Lyris
Server version 3.0); Sun, 28 Jul 2002 12:05:15 -0500
Received: from smtp0321.mail.yahoo.com (ads1-03-18.abel.net.uk [193.108.218.18])
by linkus.co.kr (AIX4.3/UCB 8.8.8/8.8.8) with SMTP id CAA49024 for <leave-
aprsnews-839e@lists.tapr.org>; Mon, 29 Jul 2002 02:19:19 -0500
From: zani@prontomail.com
Message-Id: <200207290719.CAA49024@linkus.co.kr>
Date: Sun, 28 Jul 2002 18:38:03 +0200
X-Priority: 3
To: aprsnews-request
Subject:
Mime-Version: 1.0
Content-Type: text/html; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mail sent to leave-aprsnews-839e was converted to these commands:

unsubscribe aprsnews lyris.aprsnews@tapr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <zani@prontomail.com>
Received: from linkus.co.kr ([210.121.195.134]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Sun, 28 Jul 2002 12:05:15 -0500
Received: from smtp0321.mail.yahoo.com (ads1-03-18.abel.net.uk [193.108.218.18]) by linkus.co.kr (AIX4.3/UCB 8.8.8/8.8.8) with SMTP id CAA49024 for <leave-aprsnews-839e@lists.tapr.org>; Mon, 29 Jul 2002 02:19:19 -0500
From: zani@prontomail.com
Message-Id: <200207290719.CAA49024@linkus.co.kr>
Date: Sun, 28 Jul 2002 18:38:03 +0200
X-Priority: 3
To: leave-aprsnews-839e@lists.tapr.org
Subject: Get financial freedom ...
Mime-Version: 1.0
Content-Type: text/html; charset=us-ascii
Content-Transfer-Encoding: 7bit

```
<html>
<head>
<title>Get Financial Freedom !</title>
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1">
</head>

<body bgcolor="#FFFFFF" text="#000000">
<table width="60%" border="2" align="center" height="810" cellpadding="5"
cellspacing="3" bordercolor="#CCCCCC">
  <tr>
    <td height="112" background="http://www.geocities.com/visiontosuccess/
fish.jpeg" width="28%" bgcolor="#FFFFFF">&nbsp;
    </td>
    <td height="112" width="72%" bgcolor="#FF6600">
      <div align="center"><font face="Courier New, Courier, mono"><b><font
size="5"><i><font face="Verdana, Arial, Helvetica, sans-serif" color="#FFFFFF">Get
financial freedom ...</font></i></font></b></font></div>
    </td>
  </tr>
  <tr bgcolor="#FFFFCC">
    <td height="74" colspan="2">
      <div align="center">
        <p><font face="Verdana, Arial, Helvetica, sans-serif" size="2"><b><br>
          </b><i><font color="#CC3300" face="Arial Black" size="3">Have you ever
            dreamt of doing the things in life you've allways wanted to do...</
font></i></font></p>
      </div>
```

```
</td>
</tr>
<tr bgcolor="#FFFFFF">
  <td height="190" colspan="2">
    <p align="center"><font face="Verdana, Arial, Helvetica, sans-serif"
size="2"><font size="3"><font color="#330099" face="Arial Black"><font
color="#3366FF">This
      is your chance to quit your job and get a real financial independence.
      You can start building your residual income.<br>
    </font></font></font></font></p>
    <p align="center"> <font face="Verdana,
Arial, Helvetica, sans-serif" size="3"><font color="#CC3300" face="Arial
Black">Have
      your own website<br>
      Watch
      your downline growing<br>
      Shop
      with discounts and rebates <br>
      
      Save your money and make your money<br>
      <br>
    </font></font><font face="Verdana, Arial, Helvetica, sans-serif" size="3"
color="#CC3300"><font color="#3366FF" size="2"><b>Enter
      the fields below and become a member, absolutely</b></font><br>
      
    </font></p>
  </td>
</tr>
<tr bgcolor="#FFFFCC">
  <td colspan="2" height="281">&nbsp;
    <form action="http://www.clubshop.com/cgi-bin/memberapp.cgi" method="POST">
      <!--MEMBER INFO-->
      <div align="center">
        <table width="93%" border="0" cellpadding="0">
          <tr>
            <td class="n" align="right" width="38%">
              <div align="left"><font color="#CC3300"><b><font face="Verdana,
Arial, Helvetica, sans-serif" size="2">First
                Name:&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&~
                </font></b></font></div>
            </td>
            <td width="62%">
              <input type="text" name="firstname" size="25" maxlength="50" />
            </td>
          </tr>
        </table>
      </div>
    </form>
  </td>
</tr>
```

```


```

<div align="right" width="38%"> <div align="left"> </div> <div align="left"> Last Name: </div> </div> <input maxlength="50" name="lastname" size="25" type="text"/>	
<div align="right" width="38%"> <div align="left"> </div> <div align="left"> Email Address: </div> </div> <input maxlength="50" name="email" size="25" type="text"/>	
<div align="right" width="38%"> <div align="left"> </div> <div align="left"> Email Address verification: </div> </div> <input maxlength="50" name="email_check" size="25" type="text"/>	
<div align="right" width="38%"> <div align="left"> </div> <div align="left"> City: </div> </div> <input maxlength="50" name="city" size="25" type="text"/>	
<div align="right" width="38%"> <div align="left"> </div> <div align="left"> State/Province: </div> </div> <input maxlength="50" name="state" size="25" type="text"/>	

```

        </td>
    </tr>
    <tr>
        <td class="n" align="right" width="38%">
            <div align="left"><font color="#CC3300"><b><font face="Verdana,
Arial, Helvetica, sans-serif" size="2">Country:&nbsp;&nbsp;&nbsp;</font></b></font></
div>

        </td>
        <td width="62%">
            <select name="country">
                <option selected value=""></option>
                <option value="US">UNITED STATES</option>
                <option value="AF">AFGHANISTAN</option>
                <option value="AL">ALBANIA</option>
                <option value="DZ">ALGERIA</option>
                <option value="AS">AMERICAN SAMOA</option>
                <option value="AD">ANDORRA</option>
                <option value="AO">ANGOLA</option>
                <option value="AI">ANGUILLA</option>
                <option value="AQ">ANTARCTICA</option>
                <option value="AG">ANTIGUA AND BARBUDA</option>
                <option value="AR">ARGENTINA</option>
                <option value="AM">ARMENIA</option>
                <option value="AW">ARUBA</option>
                <option value="AU">AUSTRALIA</option>
                <option value="AT">AUSTRIA</option>
                <option value="AZ">AZERBAIJAN</option>
                <option value="BS">BAHAMAS</option>
                <option value="BH">BAHRAIN</option>
                <option value="BD">BANGLADESH</option>
                <option value="BB">BARBADOS</option>
                <option value="BY">BELARUS</option>
                <option value="BE">BELGIUM</option>
                <option value="BZ">BELIZE</option>
                <option value="BJ">BENIN</option>
                <option value="BM">BERMUDA</option>
                <option value="BT">BHUTAN</option>
                <option value="BO">BOLIVIA</option>
                <option value="BA">BOSNIA AND HERZEGOVINA</option>
                <option value="BW">BOTSWANA</option>
                <option value="BV">BOUVET ISLAND</option>
                <option value="BR">BRAZIL</option>
                <option value="IO">BRITISH INDIAN OCEAN TERRITORY</option>
                <option value="BN">BRUNEI DARUSSALAM</option>
                <option value="BG">BULGARIA</option>
                <option value="BF">BURKINA FASO</option>
                <option value="BI">BURUNDI</option>
                <option value="KH">CAMBODIA</option>

```


<option value="CM">CAMEROON</option>
<option value="CA">CANADA</option>
<option value="CV">CAPE VERDE</option>
<option value="KY">CAYMAN ISLANDS</option>
<option value="CF">CENTRAL AFRICAN REPUBLIC</option>
<option value="TD">CHAD</option>
<option value="CL">CHILE</option>
<option value="CN">CHINA</option>
<option value="CX">CHRISTMAS ISLAND</option>
<option value="CC">COCOS (KEELING) ISLANDS</option>
<option value="CO">COLOMBIA</option>
<option value="KM">COMOROS</option>
<option value="CG">CONGO</option>
<option value="CD">CONGO, THE DEMOCRATIC REPUBLIC OF THE</option>

option>

<option value="CK">COOK ISLANDS</option>
<option value="CR">COSTA RICA</option>
<option value="CI">COTE D'IVOIRE</option>
<option value="HR">CROATIA</option>
<option value="CU">CUBA</option>
<option value="CY">CYPRUS</option>
<option value="CZ">CZECH REPUBLIC</option>
<option value="DK">DENMARK</option>
<option value="DJ">DJIBOUTI</option>
<option value="DM">DOMINICA</option>
<option value="DO">DOMINICAN REPUBLIC</option>
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<option value="EC">ECUADOR</option>
<option value="EG">EGYPT</option>
<option value="SV">EL SALVADOR</option>
<option value="GQ">EQUATORIAL GUINEA</option>
<option value="ER">ERITREA</option>
<option value="EE">ESTONIA</option>
<option value="ET">ETHIOPIA</option>
<option value="FK">FALKLAND ISLANDS (MALVINAS)</option>
<option value="FO">FAROE ISLANDS</option>
<option value="FJ">FIJI</option>
<option value="FI">FINLAND</option>
<option value="FR">FRANCE</option>
<option value="GF">FRENCH GUIANA</option>
<option value="PF">FRENCH POLYNESIA</option>
<option value="TF">FRENCH SOUTHERN TERRITORIES</option>
<option value="GA">GABON</option>
<option value="GM">GAMBIA</option>
<option value="GE">GEORGIA</option>
<option value="DE">GERMANY</option>
<option value="GH">GHANA</option>
<option value="GI">GIBRALTAR</option>

<option value="GR">GREECE</option>
<option value="GL">GREENLAND</option>
<option value="GD">GRENADA</option>
<option value="GP">GUADELOUPE</option>
<option value="GU">GUAM</option>
<option value="GT">GUATEMALA</option>
<option value="GN">GUINEA</option>
<option value="GW">GUINEA-BISSAU</option>
<option value="GY">GUYANA</option>
<option value="HT">HAITI</option>
<option value="HM">HEARD ISLAND AND MCDONALD ISLANDS</option>
<option value="VA">HOLY SEE (VATICAN CITY STATE)</option>
<option value="HN">HONDURAS</option>
<option value="HK">HONG KONG</option>
<option value="HU">HUNGARY</option>
<option value="IS">ICELAND</option>
<option value="IN">INDIA</option>
<option value="ID">INDONESIA</option>
<option value="IR">IRAN, ISLAMIC REPUBLIC OF</option>
<option value="IQ">IRAQ</option>
<option value="IE">IRELAND</option>
<option value="IL">ISRAEL</option>
<option value="IT">ITALY</option>
<option value="JM">JAMAICA</option>
<option value="JP">JAPAN</option>
<option value="JO">JORDAN</option>
<option value="KZ">KAZAKSTAN</option>
<option value="KE">KENYA</option>
<option value="KI">KIRIBATI</option>
<option value="KP">KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF</

option>

<option value="KR">KOREA, REPUBLIC OF</option>
<option value="KW">KUWAIT</option>
<option value="KG">KYRGYZSTAN</option>
<option value="LA">LAO PEOPLE'S DEMOCRATIC REPUBLIC</option>
<option value="LV">LATVIA</option>
<option value="LB">LEBANON</option>
<option value="LS">LESOTHO</option>
<option value="LR">LIBERIA</option>
<option value="LY">LIBYAN ARAB JAMAHIRIYA</option>
<option value="LI">LIECHTENSTEIN</option>
<option value="LT">LITHUANIA</option>
<option value="LU">LUXEMBOURG</option>
<option value="MO">MACAU</option>
<option value="MK">MACEDONIA, THE FORMER YUGOSLAV REPUBLIC OF</

option>

<option value="MG">MADAGASCAR</option>
<option value="MW">MALAWI</option>

<option value="MY">MALAYSIA</option>
<option value="MV">MALDIVES</option>
<option value="ML">MALI</option>
<option value="MT">MALTA</option>
<option value="MH">MARSHALL ISLANDS</option>
<option value="MQ">MARTINIQUE</option>
<option value="MR">MAURITANIA</option>
<option value="MU">MAURITIUS</option>
<option value="YT">MAYOTTE</option>
<option value="MX">MEXICO</option>
<option value="FM">MICRONESIA, FEDERATED STATES OF</option>
<option value="MD">MOLDOVA, REPUBLIC OF</option>
<option value="MC">MONACO</option>
<option value="MN">MONGOLIA</option>
<option value="MS">MONTSERRAT</option>
<option value="MA">MOROCCO</option>
<option value="MZ">MOZAMBIQUE</option>
<option value="MM">MYANMAR</option>
<option value="NA">NAMIBIA</option>
<option value="NR">NAURU</option>
<option value="NP">NEPAL</option>
<option value="NL">NETHERLANDS</option>
<option value="AN">NETHERLANDS ANTILLES</option>
<option value="NC">NEW CALEDONIA</option>
<option value="NZ">NEW ZEALAND</option>
<option value="NI">NICARAGUA</option>
<option value="NE">NIGER</option>
<option value="NG">NIGERIA</option>
<option value="NU">NIUE</option>
<option value="NF">NORFOLK ISLAND</option>
<option value="MP">NORTHERN MARIANA ISLANDS</option>
<option value="NO">NORWAY</option>
<option value="OM">OMAN</option>
<option value="PK">PAKISTAN</option>
<option value="PW">PALAU</option>
<option value="PS">PALESTINIAN TERRITORY, OCCUPIED</option>
<option value="PA">PANAMA</option>
<option value="PG">PAPUA NEW GUINEA</option>
<option value="PY">PARAGUAY</option>
<option value="PE">PERU</option>
<option value="PH">PHILIPPINES</option>
<option value="PN">PITCAIRN</option>
<option value="PL">POLAND</option>
<option value="PT">PORTUGAL</option>
<option value="PR">PUERTO RICO</option>
<option value="QA">QATAR</option>
<option value="RE">REUNION</option>
<option value="RO">ROMANIA</option>

<option value="RU">RUSSIAN FEDERATION</option>
<option value="RW">RWANDA</option>
<option value="SH">SAINT HELENA</option>
<option value="KN">SAINT KITTS AND NEVIS</option>
<option value="LC">SAINT LUCIA</option>
<option value="PM">SAINT PIERRE AND MIQUELON</option>
<option value="VC">SAINT VINCENT AND THE GRENADINES</option>
<option value="WS">SAMOA</option>
<option value="SM">SAN MARINO</option>
<option value="ST">SAO TOME AND PRINCIPE</option>
<option value="SA">SAUDI ARABIA</option>
<option value="SN">SENEGAL</option>
<option value="SC">SEYCHELLES</option>
<option value="SL">SIERRA LEONE</option>
<option value="SG">SINGAPORE</option>
<option value="SK">SLOVAKIA</option>
<option value="SI">SLOVENIA</option>
<option value="SB">SOLOMON ISLANDS</option>
<option value="SO">SOMALIA</option>
<option value="ZA">SOUTH AFRICA</option>
<option value="GS">SOUTH GEORGIA AND THE SOUTH SANDWICH

ISLANDS</option>

<option value="ES">SPAIN</option>
<option value="LK">SRI LANKA</option>
<option value="SD">SUDAN</option>
<option value="SR">SURINAME</option>
<option value="SJ">SVALBARD AND JAN MAYEN</option>
<option value="SZ">SWAZILAND</option>
<option value="SE">SWEDEN</option>
<option value="CH">SWITZERLAND</option>
<option value="SY">SYRIAN ARAB REPUBLIC</option>
<option value="TW">TAIWAN, PROVINCE OF CHINA</option>
<option value="TJ">TAJIKISTAN</option>
<option value="TZ">TANZANIA, UNITED REPUBLIC OF</option>
<option value="TH">THAILAND</option>
<option value="TG">TOGO</option>
<option value="TK">TOKELAU</option>
<option value="TO">TONGA</option>
<option value="TT">TRINIDAD AND TOBAGO</option>
<option value="TN">TUNISIA</option>
<option value="TR">TURKEY</option>
<option value="TM">TURKMENISTAN</option>
<option value="TC">TURKS AND CAICOS ISLANDS</option>
<option value="TV">TUVALU</option>
<option value="UG">UGANDA</option>
<option value="UA">UKRAINE</option>
<option value="AE">UNITED ARAB EMIRATES</option>
<option value="GB">UNITED KINGDOM</option>

```

        <option value="US">UNITED STATES</option>
        <option value="UM">UNITED STATES MINOR OUTLYING ISLANDS</option>
        <option value="UY">URUGUAY</option>
        <option value="UZ">UZBEKISTAN</option>
        <option value="VU">VANUATU</option>
        <option value="VE">VENEZUELA</option>
        <option value="VN">VIET NAM</option>
        <option value="VG">VIRGIN ISLANDS, BRITISH</option>
        <option value="VI">VIRGIN ISLANDS, U.S.</option>
        <option value="WF">WALLIS AND FUTUNA</option>
        <option value="EH">WESTERN SAHARA</option>
        <option value="YE">YEMEN</option>
        <option value="YU">YUGOSLAVIA</option>
        <option value="ZM">ZAMBIA</option>
        <option value="ZW">ZIMBABWE</option>
    </select>
</td>
</tr>
<tr>
    <td width="38%">
        <div align="left"><font face="Verdana, Arial, Helvetica, sans-
        serif" size="2"><font face="Verdana, Arial, Helvetica, sans-serif"><font
        face="Verdana, Arial, Helvetica, sans-serif"><font size="2"><font
        size="2"><b><font color="#CC3300"></font></b></font></font></font></font></font></div>
    </td>
    <td width="62%">
        <input type="SUBMIT" value="SUBMIT" onClick="return
submitCheck()">
        <INPUT TYPE="Reset" onClick="document.forms[0].firstname.focus()">
    </td>
</tr>
</table>
</div>
<input type="hidden" name="sponsorID" value="2311467" /><input
type="hidden" name="sph"
value="52616e646f6d4956846da501780c311e0a353b2ad3466e1f69570aa4fdef3f5a3fe119a1a81
d15be4d3cbc489c9164d5e016ce40b879103666001a9c3168f133d4096014987ee65b4dc9938a290
929" />
<input type="hidden" name="depth" value="15" />
<input type="hidden" name="action" value="join">
</form>
</td>
</tr>
</table>

```

</body>
</html>

From bounce-message-839@lists.tappr.org Sun Jul 28 11:30:47 2002
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id LAA17899
for <lyris.aprsnews@tappr.org>; Sun, 28 Jul 2002 11:30:47 -0500 (CDT)
Message-Id: <LYR839-91468-2002.07.28-12.09.36--
lyris.aprsnews#tappr.org@lists.tappr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tappr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tappr.org>
To: lyris.aprsnews@tappr.org
Subject: Your confirmation is needed (ok 839)
Date: Sun, 28 Jul 2002 12:09:36 -0500

Your email address 'lyris.aprsnews@tappr.org' has been submitted to be
unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be
unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that
the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tappr.org

You will receive notification that your confirmation has been received, and
that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the
mailing list.

Return-Path: <zani@prontomail.com>
Return-Path: zani@prontomail.com
Received: from WebServer.bitswiz.co.kr ([211.192.187.12]) by lists.tappr.org with
SMTP (Lyris Server version 3.0); Sun, 28 Jul 2002 12:09:29 -0500
Received: from smtp0351.mail.yahoo.com ([148.223.235.210]) by
WebServer.bitswiz.co.kr with Microsoft SMTPSVC(5.0.2195.2966);
Mon, 29 Jul 2002 01:25:48 +0900
Date: Sun, 28 Jul 2002 18:39:30 +0200
From: zani@prontomail.com
X-Priority: 3
To: aprsnews-request

Subject:
Mime-Version: 1.0
Content-Type: text/html; charset=us-ascii
Content-Transfer-Encoding: 7bit
Message-ID: <WEBSERVERYLzycWxQn7000048e1@WebServer.bitswiz.co.kr>
X-OriginalArrivalTime: 28 Jul 2002 16:26:19.0174 (UTC)
FILETIME=[80D9D460:01C23653]

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tapr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <zani@prontomail.com>
Received: from WebServer.bitswiz.co.kr ([211.192.187.12]) by lists.tapr.org with
SMTP (Lyris Server version 3.0); Sun, 28 Jul 2002 12:09:29 -0500
Received: from smtp0351.mail.yahoo.com ([148.223.235.210]) by
WebServer.bitswiz.co.kr with Microsoft SMTPSVC(5.0.2195.2966);
Mon, 29 Jul 2002 01:25:48 +0900
Date: Sun, 28 Jul 2002 18:39:30 +0200
From: zani@prontomail.com
X-Priority: 3
To: leave-aprsnews-839e@lists.tapr.org
Subject: Get financial freedom ...
Mime-Version: 1.0
Content-Type: text/html; charset=us-ascii
Content-Transfer-Encoding: 7bit
Return-Path: zani@prontomail.com
Message-ID: <WEBSERVERYLzycWxQn7000048e1@WebServer.bitswiz.co.kr>
X-OriginalArrivalTime: 28 Jul 2002 16:26:19.0174 (UTC)
FILETIME=[80D9D460:01C23653]

```
<html>
<head>
<title>Get Financial Freedom !</title>
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1">
</head>

<body bgcolor="#FFFFFF" text="#000000">
<table width="60%" border="2" align="center" height="810" cellpadding="5"
cellspacing="3" bordercolor="#CCCCCC">
  <tr>
    <td height="112" background="http://www.geocities.com/visiontosuccess/
fish.jpeg" width="28%" bgcolor="#FFFFFF">&nbsp;
    </td>
    <td height="112" width="72%" bgcolor="#FF6600">
      <div align="center"><font face="Courier New, Courier, mono"><b><font
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[illegible]


```

<!--MEMBER INFO-->
<div align="center">
  <table width="93%" border="0" cellpadding="0">
    <tr>
      <td class="n" align="right" width="38%">
        <div align="left"><font color="#CC3300"><b><font face="Verdana,
Arial, Helvetica, sans-serif" size="2">First
          Name:&nbsp;&nbsp;&nbsp;</font></b></font></div>
        </td>
        <td width="62%">
          <input type="text" name="firstname" size="25" maxlength="50" />
        </td>
      </tr>
      <tr>
        <td class="n" align="right" width="38%">
          <div align="left"><font color="#CC3300"><b><font face="Verdana,
Arial, Helvetica, sans-serif" size="2">Last
            Name:&nbsp;&nbsp;&nbsp;</font></b></font></div>
          </td>
          <td width="62%">
            <input type="text" name="lastname" size="25" maxlength="50" />
          </td>
        </tr>
      <tr>
        <td class="n" align="right" width="38%">
          <div align="left"><font color="#CC3300"><b><font face="Verdana,
Arial, Helvetica, sans-serif" size="2">Email
            Address:&nbsp;&nbsp;&nbsp;</font></b></font></div>
          </td>
          <td width="62%">
            <input type="text" name="email" size="25" maxlength="50" />
          </td>
        </tr>
      <tr>
        <td class="n" align="right" height="29" width="38%">
          <div align="left"><font color="#CC3300"><b><font face="Verdana,
Arial, Helvetica, sans-serif" size="2">Email
            Address verification:</font></b></font></div>
          </td>
          <td height="29" width="62%">
            <input type="text" name="email_check" size="25" maxlength="50" />
          </td>
        </tr>
      <tr>
        <td class="n" align="right" width="38%">
          <div align="left"><font color="#CC3300"><b><font face="Verdana,
Arial, Helvetica, sans-serif" size="2">City:&nbsp;&nbsp;&nbsp;</font></b></font></div>
          </td>

```

```

        <td width="62%">
            <input type="text" name="city" size="25" maxlength="50" />
        </td>
    </tr>
    <tr>
        <td class="n" align="right" width="38%">
            <div align="left"><font color="#CC3300"><b><font face="Verdana,
Arial, Helvetica, sans-serif" size="2">State/Province:&nbsp;&nbsp;&nbsp;</font></b></font></div>
        </td>
        <td width="62%">
            <input type="text" name="state" size="25" maxlength="50" />
        </td>
    </tr>
    <tr>
        <td class="n" align="right" width="38%">
            <div align="left"><font color="#CC3300"><b><font face="Verdana,
Arial, Helvetica, sans-serif" size="2">Country:&nbsp;&nbsp;&nbsp;</font></b></font></div>
        </td>
        <td width="62%">
            <select name="country">
                <option selected value=""></option>
                <option value="US">UNITED STATES</option>
                <option value="AF">AFGHANISTAN</option>
                <option value="AL">ALBANIA</option>
                <option value="DZ">ALGERIA</option>
                <option value="AS">AMERICAN SAMOA</option>
                <option value="AD">ANDORRA</option>
                <option value="AO">ANGOLA</option>
                <option value="AI">ANGUILLA</option>
                <option value="AQ">ANTARCTICA</option>
                <option value="AG">ANTIGUA AND BARBUDA</option>
                <option value="AR">ARGENTINA</option>
                <option value="AM">ARMENIA</option>
                <option value="AW">ARUBA</option>
                <option value="AU">AUSTRALIA</option>
                <option value="AT">AUSTRIA</option>
                <option value="AZ">AZERBAIJAN</option>
                <option value="BS">BAHAMAS</option>
                <option value="BH">BAHRAIN</option>
                <option value="BD">BANGLADESH</option>
                <option value="BB">BARBADOS</option>
                <option value="BY">BELARUS</option>
                <option value="BE">BELGIUM</option>
                <option value="BZ">BELIZE</option>
                <option value="BJ">BENIN</option>
                <option value="BM">BERMUDA</option>
            </select>
        </td>
    </tr>

```

<option value="BT">BHUTAN</option>
<option value="BO">BOLIVIA</option>
<option value="BA">BOSNIA AND HERZEGOVINA</option>
<option value="BW">BOTSWANA</option>
<option value="BV">BOUVET ISLAND</option>
<option value="BR">BRAZIL</option>
<option value="IO">BRITISH INDIAN OCEAN TERRITORY</option>
<option value="BN">BRUNEI DARUSSALAM</option>
<option value="BG">BULGARIA</option>
<option value="BF">BURKINA FASO</option>
<option value="BI">BURUNDI</option>
<option value="KH">CAMBODIA</option>
<option value="CM">CAMEROON</option>
<option value="CA">CANADA</option>
<option value="CV">CAPE VERDE</option>
<option value="KY">CAYMAN ISLANDS</option>
<option value="CF">CENTRAL AFRICAN REPUBLIC</option>
<option value="TD">CHAD</option>
<option value="CL">CHILE</option>
<option value="CN">CHINA</option>
<option value="CX">CHRISTMAS ISLAND</option>
<option value="CC">COCOS (KEELING) ISLANDS</option>
<option value="CO">COLOMBIA</option>
<option value="KM">COMOROS</option>
<option value="CG">CONGO</option>
<option value="CD">CONGO, THE DEMOCRATIC REPUBLIC OF THE</option>

option>

<option value="CK">COOK ISLANDS</option>
<option value="CR">COSTA RICA</option>
<option value="CI">COTE D'IVOIRE</option>
<option value="HR">CROATIA</option>
<option value="CU">CUBA</option>
<option value="CY">CYPRUS</option>
<option value="CZ">CZECH REPUBLIC</option>
<option value="DK">DENMARK</option>
<option value="DJ">DJIBOUTI</option>
<option value="DM">DOMINICA</option>
<option value="DO">DOMINICAN REPUBLIC</option>
<option value="TP">EAST TIMOR</option>
<option value="EC">ECUADOR</option>
<option value="EG">EGYPT</option>
<option value="SV">EL SALVADOR</option>
<option value="GQ">EQUATORIAL GUINEA</option>
<option value="ER">ERITREA</option>
<option value="EE">ESTONIA</option>
<option value="ET">ETHIOPIA</option>
<option value="FK">FALKLAND ISLANDS (MALVINAS)</option>
<option value="FO">FAROE ISLANDS</option>

```

<option value="FJ">FIJI</option>
<option value="FI">FINLAND</option>
<option value="FR">FRANCE</option>
<option value="GF">FRENCH GUIANA</option>
<option value="PF">FRENCH POLYNESIA</option>
<option value="TF">FRENCH SOUTHERN TERRITORIES</option>
<option value="GA">GABON</option>
<option value="GM">GAMBIA</option>
<option value="GE">GEORGIA</option>
<option value="DE">GERMANY</option>
<option value="GH">GHANA</option>
<option value="GI">GIBRALTAR</option>
<option value="GR">GREECE</option>
<option value="GL">GREENLAND</option>
<option value="GD">GRENADA</option>
<option value="GP">GUADELOUPE</option>
<option value="GU">GUAM</option>
<option value="GT">GUATEMALA</option>
<option value="GN">GUINEA</option>
<option value="GW">GUINEA-BISSAU</option>
<option value="GY">GUYANA</option>
<option value="HT">HAITI</option>
<option value="HM">HEARD ISLAND AND MCDONALD ISLANDS</option>
<option value="VA">HOLY SEE (VATICAN CITY STATE)</option>
<option value="HN">HONDURAS</option>
<option value="HK">HONG KONG</option>
<option value="HU">HUNGARY</option>
<option value="IS">ICELAND</option>
<option value="IN">INDIA</option>
<option value="ID">INDONESIA</option>
<option value="IR">IRAN, ISLAMIC REPUBLIC OF</option>
<option value="IQ">IRAQ</option>
<option value="IE">IRELAND</option>
<option value="IL">ISRAEL</option>
<option value="IT">ITALY</option>
<option value="JM">JAMAICA</option>
<option value="JP">JAPAN</option>
<option value="JO">JORDAN</option>
<option value="KZ">KAZAKSTAN</option>
<option value="KE">KENYA</option>
<option value="KI">KIRIBATI</option>
<option value="KP">KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF</
option>
<option value="KR">KOREA, REPUBLIC OF</option>
<option value="KW">KUWAIT</option>
<option value="KG">KYRGYZSTAN</option>
<option value="LA">LAO PEOPLE'S DEMOCRATIC REPUBLIC</option>
<option value="LV">LATVIA</option>

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option>

<option value="LB">LEBANON</option>
<option value="LS">LESOTHO</option>
<option value="LR">LIBERIA</option>
<option value="LY">LIBYAN ARAB JAMAHIRIYA</option>
<option value="LI">LIECHTENSTEIN</option>
<option value="LT">LITHUANIA</option>
<option value="LU">LUXEMBOURG</option>
<option value="MO">MACAU</option>
<option value="MK">MACEDONIA, THE FORMER YUGOSLAV REPUBLIC OF</

<option value="MG">MADAGASCAR</option>
<option value="MW">MALAWI</option>
<option value="MY">MALAYSIA</option>
<option value="MV">MALDIVES</option>
<option value="ML">MALI</option>
<option value="MT">MALTA</option>
<option value="MH">MARSHALL ISLANDS</option>
<option value="MQ">MARTINIQUE</option>
<option value="MR">MAURITANIA</option>
<option value="MU">MAURITIUS</option>
<option value="YT">MAYOTTE</option>
<option value="MX">MEXICO</option>
<option value="FM">MICRONESIA, FEDERATED STATES OF</option>
<option value="MD">MOLDOVA, REPUBLIC OF</option>
<option value="MC">MONACO</option>
<option value="MN">MONGOLIA</option>
<option value="MS">MONTSERRAT</option>
<option value="MA">MOROCCO</option>
<option value="MZ">MOZAMBIQUE</option>
<option value="MM">MYANMAR</option>
<option value="NA">NAMIBIA</option>
<option value="NR">NAURU</option>
<option value="NP">NEPAL</option>
<option value="NL">NETHERLANDS</option>
<option value="AN">NETHERLANDS ANTILLES</option>
<option value="NC">NEW CALEDONIA</option>
<option value="NZ">NEW ZEALAND</option>
<option value="NI">NICARAGUA</option>
<option value="NE">NIGER</option>
<option value="NG">NIGERIA</option>
<option value="NU">NIUE</option>
<option value="NF">NORFOLK ISLAND</option>
<option value="MP">NORTHERN MARIANA ISLANDS</option>
<option value="NO">NORWAY</option>
<option value="OM">OMAN</option>
<option value="PK">PAKISTAN</option>
<option value="PW">PALAU</option>
<option value="PS">PALESTINIAN TERRITORY, OCCUPIED</option>

<option value="PA">PANAMA</option>
<option value="PG">PAPUA NEW GUINEA</option>
<option value="PY">PARAGUAY</option>
<option value="PE">PERU</option>
<option value="PH">PHILIPPINES</option>
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<option value="PL">POLAND</option>
<option value="PT">PORTUGAL</option>
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<option value="QA">QATAR</option>
<option value="RE">REUNION</option>
<option value="RO">ROMANIA</option>
<option value="RU">RUSSIAN FEDERATION</option>
<option value="RW">RWANDA</option>
<option value="SH">SAINT HELENA</option>
<option value="KN">SAINT KITTS AND NEVIS</option>
<option value="LC">SAINT LUCIA</option>
<option value="PM">SAINT PIERRE AND MIQUELON</option>
<option value="VC">SAINT VINCENT AND THE GRENADINES</option>
<option value="WS">SAMOA</option>
<option value="SM">SAN MARINO</option>
<option value="ST">SAO TOME AND PRINCIPE</option>
<option value="SA">SAUDI ARABIA</option>
<option value="SN">SENEGAL</option>
<option value="SC">SEYCHELLES</option>
<option value="SL">SIERRA LEONE</option>
<option value="SG">SINGAPORE</option>
<option value="SK">SLOVAKIA</option>
<option value="SI">SLOVENIA</option>
<option value="SB">SOLOMON ISLANDS</option>
<option value="SO">SOMALIA</option>
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<option value="GS">SOUTH GEORGIA AND THE SOUTH SANDWICH

ISLANDS</option>

<option value="ES">SPAIN</option>
<option value="LK">SRI LANKA</option>
<option value="SD">SUDAN</option>
<option value="SR">SURINAME</option>
<option value="SJ">SVALBARD AND JAN MAYEN</option>
<option value="SZ">SWAZILAND</option>
<option value="SE">SWEDEN</option>
<option value="CH">SWITZERLAND</option>
<option value="SY">SYRIAN ARAB REPUBLIC</option>
<option value="TW">TAIWAN, PROVINCE OF CHINA</option>
<option value="TJ">TAJIKISTAN</option>
<option value="TZ">TANZANIA, UNITED REPUBLIC OF</option>
<option value="TH">THAILAND</option>
<option value="TG">TOGO</option>

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<option value="TK">TOKELAU</option>
<option value="TO">TONGA</option>
<option value="TT">TRINIDAD AND TOBAGO</option>
<option value="TN">TUNISIA</option>
<option value="TR">TURKEY</option>
<option value="TM">TURKMENISTAN</option>
<option value="TC">TURKS AND CAICOS ISLANDS</option>
<option value="TV">TUVALU</option>
<option value="UG">UGANDA</option>
<option value="UA">UKRAINE</option>
<option value="AE">UNITED ARAB EMIRATES</option>
<option value="GB">UNITED KINGDOM</option>
<option value="US">UNITED STATES</option>
<option value="UM">UNITED STATES MINOR OUTLYING ISLANDS</option>
<option value="UY">URUGUAY</option>
<option value="UZ">UZBEKISTAN</option>
<option value="VU">VANUATU</option>
<option value="VE">VENEZUELA</option>
<option value="VN">VIET NAM</option>
<option value="VG">VIRGIN ISLANDS, BRITISH</option>
<option value="VI">VIRGIN ISLANDS, U.S.</option>
<option value="WF">WALLIS AND FUTUNA</option>
<option value="EH">WESTERN SAHARA</option>
<option value="YE">YEMEN</option>
<option value="YU">YUGOSLAVIA</option>
<option value="ZM">ZAMBIA</option>
<option value="ZW">ZIMBABWE</option>
</select>
</td>
</tr>
<tr>
<td width="38%">
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serif" size="2"><font face="Verdana, Arial, Helvetica, sans-serif"><font
face="Verdana, Arial, Helvetica, sans-serif"><font size="2"><font
size="2"><b><font color="#CC3300"></font></b></font></font></font></font></font></div>
</td>
<td width="62%">
<input type="SUBMIT" value="SUBMIT" onClick="return
submitCheck()">
<INPUT TYPE="Reset" onClick="document.forms[0].firstname.focus()">
</td>
</tr>
</table>
</div>
<input type="hidden" name="sponsorID" value="2311467" /><input
type="hidden" name="sph"

```

```
value="52616e646f6d4956846da501780c311e0a353b2ad3466e1f69570aa4fdef3f5a3fe119a1a81
d15be4d3cbc489c9164d5e016ce40b879103666001a9c3168f133d4096014987ee65b4dc9938a290
929" />
<input type="hidden" name="depth" value="15" />
<input type="hidden" name="action" value="join">
    </form>
  </td>
</tr>
</table>

</body>
</html>
```

From bounce-message-839@lists.tappr.org Sun Jul 28 11:31:32 2002
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id LAA17928
for <lyris.aprsnews@tappr.org>; Sun, 28 Jul 2002 11:31:32 -0500 (CDT)
Message-Id: <LYR839-91469-2002.07.28-12.10.21--
lyris.aprsnews#tappr.org@lists.tappr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tappr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tappr.org>
To: lyris.aprsnews@tappr.org
Subject: Your confirmation is needed (ok 839)
Date: Sun, 28 Jul 2002 12:10:21 -0500

Your email address 'lyris.aprsnews@tappr.org' has been submitted to be
unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be
unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that
the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tappr.org

You will receive notification that your confirmation has been received, and
that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the
mailing list.

Return-Path: <zani@prontomail.com>
Return-Path: zani@prontomail.com
Received: from dnsserver.gshealth.gov.cn ([211.92.251.50]) by lists.tappr.org with SMTP (Lyris Server version 3.0); Sun, 28 Jul 2002 12:10:19 -0500
Received: from smtp0201.mail.yahoo.com ([193.108.218.18]) by dnsserver.gshealth.gov.cn with Microsoft SMTPSVC(5.0.2195.2966);
Mon, 29 Jul 2002 00:31:25 +0800
Date: Sun, 28 Jul 2002 18:43:31 +0200
From: zani@prontomail.com
X-Priority: 3
To: aprsnews-request
Subject:
Mime-Version: 1.0
Content-Type: text/html; charset=us-ascii
Content-Transfer-Encoding: 7bit
Message-ID: <DNSSERVERsCMrL609PW0003bd02@dnsserver.gshealth.gov.cn>
X-OriginalArrivalTime: 28 Jul 2002 16:31:27.0734 (UTC)
FILETIME=[38C45960:01C23654]

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tappr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <zani@prontomail.com>
Received: from dnsserver.gshealth.gov.cn ([211.92.251.50]) by lists.tappr.org with SMTP (Lyris Server version 3.0); Sun, 28 Jul 2002 12:10:19 -0500
Received: from smtp0201.mail.yahoo.com ([193.108.218.18]) by dnsserver.gshealth.gov.cn with Microsoft SMTPSVC(5.0.2195.2966);
Mon, 29 Jul 2002 00:31:25 +0800
Date: Sun, 28 Jul 2002 18:43:31 +0200
From: zani@prontomail.com
X-Priority: 3
To: leave-aprsnews-839e@lists.tappr.org
Subject: Get financial freedom ...
Mime-Version: 1.0
Content-Type: text/html; charset=us-ascii
Content-Transfer-Encoding: 7bit
Return-Path: zani@prontomail.com
Message-ID: <DNSSERVERsCMrL609PW0003bd02@dnsserver.gshealth.gov.cn>
X-OriginalArrivalTime: 28 Jul 2002 16:31:27.0734 (UTC)
FILETIME=[38C45960:01C23654]

<html>
<head>
<title>Get Financial Freedom !</title>

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<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1">
</head>

<body bgcolor="#FFFFFF" text="#000000">
<table width="60%" border="2" align="center" height="810" cellpadding="5"
cellspacing="3" bordercolor="#CCCCCC">
  <tr>
    <td height="112" background="http://www.geocities.com/visiontosuccess/
fish.jpeg" width="28%" bgcolor="#FFFFFF">&nbsp;
    </td>
    <td height="112" width="72%" bgcolor="#FF6600">
      <div align="center"><font face="Courier New, Courier, mono"><b><font
size="5"><i><font face="Verdana, Arial, Helvetica, sans-serif" color="#FFFFFF">Get
financial freedom ...</font></i></font></b></font></div>
    </td>
  </tr>
  <tr bgcolor="#FFFFCC">
    <td height="74" colspan="2">
      <div align="center">
        <p><font face="Verdana, Arial, Helvetica, sans-serif" size="2"><b><br>
          </b><i><font color="#CC3300" face="Arial Black" size="3">Have you ever
dreamt of doing the things in life you've allways wanted to do...</
font></i></font></p>
        </div>
      </td>
    </tr>
    <tr bgcolor="#FFFFFF">
      <td height="190" colspan="2">
        <p align="center"><font face="Verdana, Arial, Helvetica, sans-serif"
size="2"><font size="3"><font color="#330099" face="Arial Black"><font
color="#3366FF">This
          is your chance to quit your job and get a real financial independence.
          You can start building your residual income.<br>
          </font></font></font></font></p>
        <p align="center"> <font face="Verdana,
Arial, Helvetica, sans-serif" size="3"><font color="#CC3300" face="Arial
Black">Have
          your own website<br>
          Watch
          your downline growing<br>
          Shop
          with discounts and rebates <br>
          
          Save your money and make your money<br>

```

[illegible]

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Arial, Helvetica, sans-serif" size="2">Email
    Address verification:</font></b></font></div>
</td>
<td height="29" width="62%">
    <input type="text" name="email_check" size="25" maxlength="50" />
</td>
</tr>
<tr>
    <td class="n" align="right" width="38%">
        <div align="left"><font color="#CC3300"><b><font face="Verdana,
Arial, Helvetica, sans-serif" size="2">City:&nbsp;&nbsp;&nbsp;</font></b></font></div>
        </td>
        <td width="62%">
            <input type="text" name="city" size="25" maxlength="50" />
        </td>
    </tr>
    <tr>
        <td class="n" align="right" width="38%">
            <div align="left"><font color="#CC3300"><b><font face="Verdana,
Arial, Helvetica, sans-serif" size="2">State/Province:&nbsp;&nbsp;&nbsp;</font></b></font></div>
            </td>
            <td width="62%">
                <input type="text" name="state" size="25" maxlength="50" />
            </td>
        </tr>
        <tr>
            <td class="n" align="right" width="38%">
                <div align="left"><font color="#CC3300"><b><font face="Verdana,
Arial, Helvetica, sans-serif" size="2">Country:&nbsp;&nbsp;&nbsp;</font></b></font></div>
                </td>
                <td width="62%">
                    <select name="country">
                        <option selected value=""></option>
                        <option value="US">UNITED STATES</option>
                        <option value="AF">AFGHANISTAN</option>
                        <option value="AL">ALBANIA</option>
                        <option value="DZ">ALGERIA</option>
                        <option value="AS">AMERICAN SAMOA</option>
                        <option value="AD">ANDORRA</option>
                        <option value="AO">ANGOLA</option>
                        <option value="AI">ANGUILLA</option>
                        <option value="AQ">ANTARCTICA</option>
                        <option value="AG">ANTIGUA AND BARBUDA</option>
                        <option value="AR">ARGENTINA</option>
                        <option value="AM">ARMENIA</option>
                        <option value="AW">ARUBA</option>
                    </select>
                </td>
            </tr>

```

<option value="AU">AUSTRALIA</option>
<option value="AT">AUSTRIA</option>
<option value="AZ">AZERBAIJAN</option>
<option value="BS">BAHAMAS</option>
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<option value="BM">BERMUDA</option>
<option value="BT">BHUTAN</option>
<option value="BO">BOLIVIA</option>
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<option value="BV">BOUVET ISLAND</option>
<option value="BR">BRAZIL</option>
<option value="IO">BRITISH INDIAN OCEAN TERRITORY</option>
<option value="BN">BRUNEI DARUSSALAM</option>
<option value="BG">BULGARIA</option>
<option value="BF">BURKINA FASO</option>
<option value="BI">BURUNDI</option>
<option value="KH">CAMBODIA</option>
<option value="CM">CAMEROON</option>
<option value="CA">CANADA</option>
<option value="CV">CAPE VERDE</option>
<option value="KY">CAYMAN ISLANDS</option>
<option value="CF">CENTRAL AFRICAN REPUBLIC</option>
<option value="TD">CHAD</option>
<option value="CL">CHILE</option>
<option value="CN">CHINA</option>
<option value="CX">CHRISTMAS ISLAND</option>
<option value="CC">COCOS (KEELING) ISLANDS</option>
<option value="CO">COLOMBIA</option>
<option value="KM">COMOROS</option>
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option>

<option value="CK">COOK ISLANDS</option>
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<option value="CI">COTE D'IVOIRE</option>
<option value="HR">CROATIA</option>
<option value="CU">CUBA</option>
<option value="CY">CYPRUS</option>
<option value="CZ">CZECH REPUBLIC</option>
<option value="DK">DENMARK</option>
<option value="DJ">DJIBOUTI</option>

<option value="DM">DOMINICA</option>
<option value="DO">DOMINICAN REPUBLIC</option>
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<option value="EC">ECUADOR</option>
<option value="EG">EGYPT</option>
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<option value="ER">ERITREA</option>
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<option value="GW">GUINEA-BISSAU</option>
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<option value="HT">HAITI</option>
<option value="HM">HEARD ISLAND AND MCDONALD ISLANDS</option>
<option value="VA">HOLY SEE (VATICAN CITY STATE)</option>
<option value="HN">HONDURAS</option>
<option value="HK">HONG KONG</option>
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<option value="IT">ITALY</option>
<option value="JM">JAMAICA</option>

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<option value="KI">KIRIBATI</option>
<option value="KP">KOREA, DEMOCRATIC PEOPLE&#39;S REPUBLIC OF</
option>

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<option value="LR">LIBERIA</option>
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<option value="LT">LITHUANIA</option>
<option value="LU">LUXEMBOURG</option>
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<option value="MK">MACEDONIA, THE FORMER YUGOSLAV REPUBLIC OF</
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<option value="MW">MALAWI</option>
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<option value="MV">MALDIVES</option>
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<option value="MH">MARSHALL ISLANDS</option>
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<option value="MX">MEXICO</option>
<option value="FM">MICRONESIA, FEDERATED STATES OF</option>
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<option value="MN">MONGOLIA</option>
<option value="MS">MONTSERRAT</option>
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<option value="MZ">MOZAMBIQUE</option>
<option value="MM">MYANMAR</option>
<option value="NA">NAMIBIA</option>
<option value="NR">NAURU</option>
<option value="NP">NEPAL</option>
<option value="NL">NETHERLANDS</option>
<option value="AN">NETHERLANDS ANTILLES</option>
<option value="NC">NEW CALEDONIA</option>

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<option value="NZ">NEW ZEALAND</option>
<option value="NI">NICARAGUA</option>
<option value="NE">NIGER</option>
<option value="NG">NIGERIA</option>
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<option value="NF">NORFOLK ISLAND</option>
<option value="MP">NORTHERN MARIANA ISLANDS</option>
<option value="NO">NORWAY</option>
<option value="OM">OMAN</option>
<option value="PK">PAKISTAN</option>
<option value="PW">PALAU</option>
<option value="PS">PALESTINIAN TERRITORY, OCCUPIED</option>
<option value="PA">PANAMA</option>
<option value="PG">PAPUA NEW GUINEA</option>
<option value="PY">PARAGUAY</option>
<option value="PE">PERU</option>
<option value="PH">PHILIPPINES</option>
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<option value="PL">POLAND</option>
<option value="PT">PORTUGAL</option>
<option value="PR">PUERTO RICO</option>
<option value="QA">QATAR</option>
<option value="RE">REUNION</option>
<option value="RO">ROMANIA</option>
<option value="RU">RUSSIAN FEDERATION</option>
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<option value="SH">SAINT HELENA</option>
<option value="KN">SAINT KITTS AND NEVIS</option>
<option value="LC">SAINT LUCIA</option>
<option value="PM">SAINT PIERRE AND MIQUELON</option>
<option value="VC">SAINT VINCENT AND THE GRENADINES</option>
<option value="WS">SAMOA</option>
<option value="SM">SAN MARINO</option>
<option value="ST">SAO TOME AND PRINCIPE</option>
<option value="SA">SAUDI ARABIA</option>
<option value="SN">SENEGAL</option>
<option value="SC">SEYCHELLES</option>
<option value="SL">SIERRA LEONE</option>
<option value="SG">SINGAPORE</option>
<option value="SK">SLOVAKIA</option>
<option value="SI">SLOVENIA</option>
<option value="SB">SOLOMON ISLANDS</option>
<option value="SO">SOMALIA</option>
<option value="ZA">SOUTH AFRICA</option>
<option value="GS">SOUTH GEORGIA AND THE SOUTH SANDWICH
ISLANDS</option>
<option value="ES">SPAIN</option>
<option value="LK">SRI LANKA</option>


```

<option value="SD">SUDAN</option>
<option value="SR">SURINAME</option>
<option value="SJ">SVALBARD AND JAN MAYEN</option>
<option value="SZ">SWAZILAND</option>
<option value="SE">SWEDEN</option>
<option value="CH">SWITZERLAND</option>
<option value="SY">SYRIAN ARAB REPUBLIC</option>
<option value="TW">TAIWAN, PROVINCE OF CHINA</option>
<option value="TJ">TAJIKISTAN</option>
<option value="TZ">TANZANIA, UNITED REPUBLIC OF</option>
<option value="TH">THAILAND</option>
<option value="TG">TOGO</option>
<option value="TK">TOKELAU</option>
<option value="TO">TONGA</option>
<option value="TT">TRINIDAD AND TOBAGO</option>
<option value="TN">TUNISIA</option>
<option value="TR">TURKEY</option>
<option value="TM">TURKMENISTAN</option>
<option value="TC">TURKS AND CAICOS ISLANDS</option>
<option value="TV">TUVALU</option>
<option value="UG">UGANDA</option>
<option value="UA">UKRAINE</option>
<option value="AE">UNITED ARAB EMIRATES</option>
<option value="GB">UNITED KINGDOM</option>
<option value="US">UNITED STATES</option>
<option value="UM">UNITED STATES MINOR OUTLYING ISLANDS</option>
<option value="UY">URUGUAY</option>
<option value="UZ">UZBEKISTAN</option>
<option value="VU">VANUATU</option>
<option value="VE">VENEZUELA</option>
<option value="VN">VIET NAM</option>
<option value="VG">VIRGIN ISLANDS, BRITISH</option>
<option value="VI">VIRGIN ISLANDS, U.S.</option>
<option value="WF">WALLIS AND FUTUNA</option>
<option value="EH">WESTERN SAHARA</option>
<option value="YE">YEMEN</option>
<option value="YU">YUGOSLAVIA</option>
<option value="ZM">ZAMBIA</option>
<option value="ZW">ZIMBABWE</option>
</select>
</td>
</tr>
<tr>
<td width="38%">
<div align="left"><font face="Verdana, Arial, Helvetica, sans-
serif" size="2"><font face="Verdana, Arial, Helvetica, sans-serif"><font
face="Verdana, Arial, Helvetica, sans-serif"><font size="2"><font
size="2"><b><font color="#CC3300"></font></b></font></font></font></font></font></div>

```

```

div>
    </td>
    <td width="62%">
        <input type="SUBMIT" value="SUBMIT" onClick="return
submitCheck()">
        <INPUT TYPE="Reset" onClick="document.forms[0].firstname.focus()">
    </td>
</tr>
</table>
</div>
    <input type="hidden" name="sponsorID" value="2311467" /><input
type="hidden" name="sph"
value="52616e646f6d4956846da501780c311e0a353b2ad3466e1f69570aa4fdef3f5a3fe119a1a81
d15be4d3cbc489c9164d5e016ce40b879103666001a9c3168f133d4096014987eeef65b4dc9938a290
929" />
<input type="hidden" name="depth" value="15" />
<input type="hidden" name="action" value="join">
</form>
</td>
</tr>
</table>

</body>
</html>

```

From bounce-aprsnews-839@lists.tappr.org Tue Jul 30 20:19:13 2002
 Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
 by tappr.org (8.9.3/8.9.3/1.13) with SMTP id UAA07546
 for <lyris.aprsnews@tappr.org>; Tue, 30 Jul 2002 20:19:05 -0500 (CDT)
 Date: Tue, 30 Jul 2002 19:39:47 -0400 (EDT)
 From: Bob Bruninga <bruninga@usna.edu>
 X-X-Sender: bruninga@arctic
 To: "APRS Announcements" <aprsnews@lists.tappr.org>
 cc: TAPR APRS SIG <aprssig@lists.tappr.org>,
 Dale Heatherington <dale@wa4dsy.net>, Steve Dimse K4HG <k4hg@tappr.org>,
 <aprsnews@lists.tappr.org>, Dale Heatherington <dale@wa4dsy.net>,
 David Cameron <DCameron@transtechinteractive.com>
 Subject: [aprsnews] IPRS, a marriage of IRLP and APRS?
 In-Reply-To: <Pine.GS0.4.44.0207121222000.29415-1000000@arctic>
 Message-ID: <LYR839-91991-2002.07.30-20.57.57--
 lyris.aprsnews#tappr.org@lists.tappr.org>
 MIME-Version: 1.0
 Content-Type: TEXT/PLAIN; charset=US-ASCII
 X-Virus-Scanned: by amavisd-milter (http://amavis.org/)
 List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>

List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <Pine.GS0.4.44.0207301919090.2707-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

IPRS: IRLP<==>APRS 26 July 2002

WB4APR

IPRS is an acronym to describe the potential of a marriage between the global APRS digital network and the global Internet Radio Linking Project. Combining the first and last letters of IRLP with the final three letters of APRS yields IPRS!

As APRS grew to global proportions in the late 90's through the internet connectivity pioneered by Steve Dimse (K4HG), I began looking for ways to add internet voice connectivity to APRS and called it AVRS. Over the same period, Dave Cameron's (VE7LTD) Internet Radio Linking Project has risen to prominence world wide by providing that same kind of global conectivity as APRS but with voice.

Taking advantage of the voice connectivity of IRLP, recently we have defined many ideas and APRS formats to be able to use APRS as an adjunct data link to facilitate the end-to-end signalling between end users of IRLP using APRS. Further the mobile APRS data displays make an excellent function for displaying IRLP network data to the mobile user. One of the ultimate objectives of the APRS adjunct to IRLP is the ability of an APRS mobile user to establish an end-to-end voice connection to any other amateur on the planet with no other knowledge than his callsign.

We can already send him a real-time APRS message, why not Voice?

Thus, the IRLP system and the APRS-IS (Internet System) could work together to make the end-to end voice connection using the nearest available IRLP nodes. At the Radio Amateurs of Canada (RAC) National convention in Vernon, BC on 26 July, I discussed this concept with Dave Cameron and suggested we might define this marriage as "IPRS". This "IPRS" term will facilitate further discussions about this revolutionary potential! The following is 3 phased approach could be used to arrive at that ultimate objective. The first is MANUAL, the second is ASSISTED and the third is called AUTO-QSY.

MANUAL - APRS user-to-user Call-back message. (Works now today!)

ASSISTED - Central IPRS server watches global IRLP and APRS-IS system and when seeing IPRS-CQ, sends APRS-QSY msg to BOTH users informing them both of the nearest not-in-use IRLP node numbers and freqs. Users manually QSY and the caller establishes the IRLP link.

AUTO-QSY - End user's radio, on receipt of the APRS-QSY message, will AUTOMATICALLY QSY, and central IPRS server will automatically establish the IRLP node links! (HAM CELLULAR)

The following paragraphs elaborate on the above phases and add additional details to this concept. Also, by using the CQ-I call indicator to indicate the request for an IRLP link, provision can also be made for CQ-L for ILink, and CQ-E for eQSO links as needed.

MANUAL - APRS user sends simple message to another APRS user indicating his call-back IRLP number. APRS recipient initiates IRLP call back. This works, NOW, TODAY! The format of the APRS message is simply:

From: WB4APR To: VE7LTD Msg: CQI #1234

The meaning is that WB4APR is asking VE7LTD to call him back on his current IRLP node #1234. The APRS message reaches VE7LTD (live) no matter where he is on the planet via the APRS-IS assuming he is on the air. On receipt, and if VE7LTD is available, he will establish the call-back IRLP link.

ASSISTED - A distributed IPRS server system monitors both the IRLP active node status and also the global APRS-IS stream looking for IPRS-CQ messages. On detection, it compares the positions of the users and the nodes and identifies the nearest non-busy IRLP node numbers to each one. If one of the nearest nodes is connected to a CONFERENCE node, then both users are invited to join the conference in session. This reply message to both end users is tailored to fit on each one's APRS message screen.

APRS PC user: 67 character free field line
TH-D7 HT user: 45 char line arranged as 12,12,12,9
TMD700 user: 64 char line arranged as 22,22,21

EXAMPLES of the IPRS Messages sent to each user on the TH-D7 HT display:

WB4APR sends APRS msg to VE7LTD saying "CQI" requesting an IRLP voice link. IPRS distributed server responds with messages to to both users informing them of nearest nodes to each of them.

Message to WB4APR (originator)

```
+-----+ +-----+
| CQ to VE7LTD | | Use   I#1212 |
| on IRLP 2323 | | 146.995^PL |
+-----+ +-----+
```

Message confirms to sender that the IPRS processor has seen the IPRS-CQ message and tells sender of his nearest IRLP node.

Message to VE7LTD (called station)

```
+-----+ +-----+
| Call WB4APR  | | Use   I#2323 |
| on IRLP 1212 | | 446.375^PL |
+-----+ +-----+
```

Message to receipient asks him to call the sender on his IRLP number and suggests the closest node that he can use...

If either of the nearest nodes to either of the users is currently connected to a conference node, then both users are informed of that situation so they can join the conference. The following message would indicate that #2323 near the callee is on a conference node:

Message to WB4APR (originator)

```
+-----+ +-----+
| VE7LTD bsy   | | Use   I#1212 |
| 2323 = C123  | | 146.995^PL |
+-----+ +-----+
```

Message confirms to sender that the IPRS processor has seen the IPRS-CQ message but tells sender his nearest IRLP node is busy but that it is currently connected to conference node #123

Message to VE7LTD (called station)

```
+-----+ +-----+
| Meet WB4APR  | | Use   I#2323 |
| on Conf 123  | | 446.375^PL |
+-----+ +-----+
```

Message to receipient asks him join the conference currently in progress on his closest node that he can use...

This same message would be sent to the originator if his nearest node was the one that was currently connected to a conference.

AUTO-QSY - The ultimate IPRS implementation is when the end users radio can respond directly to an IPRS command to automatically QSY to a given link frequency. This can be done through newly manufactured radios or retrofitted to existing radios with a simple external pic-processor. The Pic processor watches for the QSY packet command on the serial port and then sends the appropriated radio-control codes to set up the call.

Of course end users may enable various levels of auto-QSY to maintain some level of control over their radio response to these external influences. QSY commands may come in as BULLETINS to all stations in an area or as commands directed to only your station. Such a menu might consist of the following. Each level is assumed to include the processing of lower levels

- OFF - No QSY commands accepted. Displayed but not prompted
- 1 - No QSY action, but prompt for Directed Commands
- 2 - No QSY action, but prompt for all QSY commands
- 3 - Respond to only Emergency Directed QSY Commands.
- 4 - Include Priority Directed and above QSY commands.
- 5 - Include all Directed QSY commands. Prompt for BLNS
- 6 - Include all Directed QSY commands and Emergency Bulletins
- 7 - Include all Directed QSY commands and Priority Bulletins
- 8 - Auto-QSY to all

Since the Kenwood D7 and D700 packet data can be monitored on the serial port while in APRS mode, an external PIC processor can watch for QSY commands and then command the radio as indicated. Thus, this IPRS automated QSY idea is backwards compatible!

NOTE to ALL AUTHORS: The "IPRS" processor that watches for CQ-I end-to-end IPRS user messages (on the APRS-IS) and then sends messages to BOTH END USERS with a recommendation about the nearest IRLP node and frequency to each end user, can be written BY ANY 3rd PARTY. Its operation is stand-alone and does not need any special access to IRLP engines or APRS engines. In fact, it does all of its work as an autonomous 3rd party.. Its only doing APRS messaging...

It would only need to twiddle within the IRLP system architecture if we get to the fully automatic stage where it not only finds the best end-to-end node recommendation, but then needs to automatically initiate the IRLP connects itself..

In the mean time, someone with nothing else to do could just sit down and do it.. ;-)

de WB4APR, Bob

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From bounce-aprsnews-839@lists.tapr.org Wed Jul 31 09:56:19 2002
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id JAA22515
for <lyris.aprsnews@tapr.org>; Wed, 31 Jul 2002 09:56:10 -0500 (CDT)

Date: Wed, 31 Jul 2002 10:45:39 -0400 (EDT)
From: Bob Bruninga <bruninga@usna.edu>
X-X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tappr.org>
cc: TAPR APRS SIG <aprssig@lists.tappr.org>,
Dale Heatherington <dale@wa4dsy.net>, Steve Dimse K4HG <k4hg@tappr.org>,
Dale Heatherington <dale@wa4dsy.net>,
David Cameron <DCameron@transtechinteractive.com>
Subject: [aprsnews] Re: IPRS, a marriage of IRLP and APRS?
In-Reply-To: <LYR1106-91991-2002.07.30-20.57.57--
BRUNINGA#NADN.NAVY.MIL@lists.tappr.org>
Message-ID: <LYR839-92082-2002.07.31-10.35.01--
lyris.aprsnews#tappr.org@lists.tappr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
X-Virus-Scanned: by amavisd-milter (<http://amavis.org/>)
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tappr.org>>
X-Message-Id: <Pine.GSO.4.44.0207311000150.14495-100000@arctic>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

Actually, since we have a growing number of IRLP type systems providing end-to-end HAM voice connectivity, an "IPRS" system would need to be compatible with them all. In other words, we need these systems to tell US their active node status, not having to re-invent a new interface to each new IRLP clone that comes along.

The answer is to have each NODE of any voice system report its instantaneous status on APRS with a conventional LOCAL packet as we began suggesting months ago. This single one-line packet contains EVERYTHING necessary for any IPRS process. That is, it contains POSITION, STATUS, FREQS, PL and FCC call. For example:

;MDannap.*3859.11N/07629.11W&IRLP#12345 on 147.555 PL156

Where: ;...*... is the standard APRS object format
MDannap is the 8 char node name (Human readable, Annapolis MD)
. The "." means IDLE. "=" is connected. "?" is down etc
LAT/LONG is the position..
IRLP#12345 identifies the node
147.555 is the frequency and PL

This packet is from IRLP node number 12345 and has the geographical IPRS node name of MDannap indicating it is in Annapolis MD. (All IPRS

nodes need an 8 byte human readable name for ease of human reference). This assures that we can display the node status on the front panel of the APRS mobile and HT displays. See my IPRS web page for how it looks... Remember, the radio also computes your distance and direction to the node!

Any IPRS engine watching the global APRS feed will see the current status. Other systems will have similar identifiers such as:

I##### are IRLP nodes
L##### are I-Link nodes
E##### are Echo-Link nodes
Q##### are eQSO nodes
etc

Of course the existing numbering plans are internal to each respective system, and these first letter TYPE groupings are only for external IPRS discrimination. Generally, IPRS (APRS) only cares about the LAT/LONG of the node. That is what it uses for link determination...

Controversially (KU0G's concerns), I think these nodes should simply send their PACKET status on RF direct, no hops on 144.39. Advantages:

- 1) Instantaneous status available to local mobiles.
- 2) Mobiles can display NODE status on the front panels
- 3) Status also available to the APRS-IS system
- 4) It's a universal interface (IRLP never needs to be concerned about how or where or why this gets into APRS...
- 5) APRS can take data and use it in creative ways independent of the differing types of nodes sending it (IRLP, ILINK, ELINK, etc)

This does NOT add any significant load to the APRS network at all. It adds ONE local packet on each change in status of the LOCAL IPRS voice node. No Big deal... Remember, APRS was designed for LOCAL use. It was NOT designed for the 24/7 monitoring of tens of thousands of square miles of activity across 5 states on a totally saturated channel... It's like cellular. Use the cell locally, and put on it what the locals IN SIMPLEX RANGE need.

Use the APRS internet if you want to see into another state...

Here is the IPRS WEB page <http://www.ew.usna.edu/~bruninga/iprs.html>

de WB4APR, Bob

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From bounce-aprsnews-839@lists.tappr.org Thu Aug 1 12:31:57 2002
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id MAA12733
for <lyris.aprsnews@tappr.org>; Thu, 1 Aug 2002 12:31:56 -0500 (CDT)
Date: Thu, 1 Aug 2002 12:25:02 -0400 (EDT)
From: Bob Bruninga <bruninga@usna.edu>
X-X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tappr.org>
cc: aprsnews@lists.tappr.org
Subject: [aprsnews] REPLY MESSAGES (not!)
Message-ID: <LYR839-92270-2002.08.01-13.10.43--
lyris.aprsnews@tappr.org@lists.tappr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
X-Virus-Scanned: by amavisd-milter (<http://amavis.org/>)
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tappr.org>>
X-Message-Id: <Pine.GSO.4.44.0208011204210.26103-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

Pet Pieve:

AUTO-REPLY messages in APRS are ONLY intended for real-time conveyance of useful real-time information about your real-time situation. (Gone to Shelter, be back at 1430). They should NOT be ON at any other time. (IMHO)

HERE's WHY:

Last night (near midnight as going to bed), I saw a new ICON and sent one line to an old friend that I had not seen on APRS before congratulating him on his coming to APRS... Here is the sequence somethign like this:... (Words simplified:)

BOB: Hi joe. congrats! <figured he was in bed. just wanted him to
<see it in the morning>

REPLY: This APRS is GREAT!

BOB: OH your still up! ...<ACK>

BOB: well you should see this.. ...<ACK>

BOB: more line... ...<ACK>

BOB: more lines. ...<ACK>

But it took longer and longer for my lines to get to him and longer and longer for the ACKS to get back.. I was getting his ACKS, but his message saying "This APRS is Great!" was apparently stuck.. APRSdos recorded 27

copies of it (APRSdos starts ringing bells after the 3rd to tell you that something aint right...somewhere)... Then I realized his line had no MSG NUMBER on it.... Then I realized it was an AUTOMATED REPLY!

The system was working properly. His station was trying its darndest to make sure I got his AUTOMATIFC REPLY. I got it in spades....

BUT AUTO REPLY SHOULD NEVER BE ON unless you are expecting an IMPORTANT incoming message and just have to temporarily leave the radio.. Like when you are the only operator at the EOC and need to go to the bathroom or something.

OTHERWISE they are only QRM!

In my opinon, AUTO-REPLY should always time out to OFF after 30 minutes. If you are gone from APRS for more than 30 minutes, then you arent doing anything that demands that kind of real-time response in the first place... TURN AUTO REPLY OFF...

SOAP BOX OFF...

de WB4APR@amsat.org, Bob

P.S. Nothing personal to joe. In fact, thanks for this lesson!

REPLY MESSSAGES are resource HOGS. They REPLY on not just every incoming message, but EVERY COPY of it and ALL its dupes. This was intentional to make sure a copy gets back. As you can understand, they are not sent with MSG numebrs or then the sender would then be generating even more ACKS and the channel would melt down. Therefore, without message numbers they are only sent ONCE. But that is why we have them sent back on ALL incoming copies, as the redundant mechanism to make sure they are delivered. The system works. Just DONT use it when it is not needed! QRM!

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From bounce-message-839@lists.tapr.org Thu Aug 1 17:30:43 2002
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id RAA28432
for <lyris.aprsnews@tapr.org>; Thu, 1 Aug 2002 17:30:43 -0500 (CDT)
Message-Id: <LYR839-92286-2002.08.01-18.09.44--

lyris.aprsnews#tapr.org@lists.tapr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tapr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tapr.org>
To: lyris.aprsnews@tapr.org
Subject: Your confirmation is needed (ok 839)
Date: Thu, 01 Aug 2002 18:09:44 -0500

Your email address 'lyris.aprsnews@tapr.org' has been submitted to be unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tapr.org

You will receive notification that your confirmation has been received, and that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the mailing list.

Return-Path: <troikaweb@fibertel.com.ar>
Received: from ([24.232.0.164]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Thu, 01 Aug 2002 18:09:41 -0500
Received: from home (24.232.122.197) by mail.fibertel.com.ar (5.5.034)
id 3D48516C0003EE10 for leave-aprsnews-839e@lists.tapr.org; Thu, 1 Aug 2002 19:31:06 -0300
Message-ID: <4114-22002841223725440@home>
X-Priority: 1
X-MSMail-Priority: High
From: "" <troikaweb@fibertel.com.ar>
To: aprsnews-request
Subject:
Date: Thu, 1 Aug 2002 19:37:25 -0300
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tapr.org confirm
end

From bounce-message-839@lists.tappr.org Fri Aug 2 14:17:45 2002
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id OAA22767
for <lyris.aprsnews@tappr.org>; Fri, 2 Aug 2002 14:17:45 -0500 (CDT)
Message-Id: <LYR839-92375-2002.08.02-14.56.47--
lyris.aprsnews#tappr.org@lists.tappr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tappr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tappr.org>
To: lyris.aprsnews@tappr.org
Subject: Your confirmation is needed (ok 839)
Date: Fri, 02 Aug 2002 14:56:47 -0500

Your email address 'lyris.aprsnews@tappr.org' has been submitted to be
unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be
unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that
the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tappr.org

You will receive notification that your confirmation has been received, and
that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the
mailing list.

Return-Path: <emailharvest@email.com>
Received: from localhost.com ([61.174.203.173]) by lists.tappr.org with SMTP (Lyris
Server version 3.0); Fri, 02 Aug 2002 14:56:42 -0500
From: emailharvest@email.com
Reply-To: emailharvest@email.com
To: aprsnews-request
Date: Sat, 3 Aug 2002 03:17:36 +0800
Subject:
X-Mailer: QuickSender 1.05
MIME-Version: 1.0
Content-Type: text/html; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

```
# This is the text of the message that triggered the action:
```

Dear leave-aprsnews-839e =2C

To Harvest A Lot Of Email Addresses In A Very Short Time

Easy Email Searcher

is a powerful Email software that harvests general Email lists from mail servers

Easy Email Searcher

color=3D#ff00ff face=3DArial size=3D4=3Ecan get 100=2C000
Email=3C=2FFONT=3E=3C=2FB=3E =3CFONT
color=3D#ff00ff face=3DArial size=3D4=3E=3CB=3Eaddresses directly from the
Email
servers in only one hour! =3B=3C=2FB=3E=3C=2FFONT=3E=3C=2FP=3E
=3CUL=3E
=3CLI=3E=3CFONT face=3DArial size=3D2=3E=3CB=3E=3CFONT
color=3D#0000ff=3EEasy Email
Searcher=3C=2FFONT=3E=3C=2FB=3E is a 32 bit Windows Program for e-mail
marketing=2E It
is intended for easy and convenient search large e-mail address lists
from mail servers=2E The program can be operated on Windows
95=2F98=2FME=2F2000
and NT=2E=3C=2FFONT=3E
=3CLI=3E=3CFONT face=3DArial size=3D2=3E=3CB=3E=3CFONT
color=3D#0000ff=3EEasy Email
Searcher=3C=2FFONT=3E =3C=2FB=3Esupport multi-threads =28up to 512
connections=29=2E=3C=2FFONT=3E
=3CLI=3E=3CFONT face=3DArial size=3D2=3E=3CB=3E=3CFONT
color=3D#0000ff=3EEasy Email
Searcher=3C=2FFONT=3E=3C=2FB=3E has the ability =3B to reconnect to
the mail
server if the server has disconnected and continue the searching at the
point where it has been interrupted=2E=3C=2FFONT=3E
=3CLI=3E=3CFONT face=3DArial size=3D2=3E=3CB=3E=3CFONT
color=3D#0000ff=3EEasy Email
Searcher=3C=2FFONT=3E=3C=2FB=3E has an ergonomic interface that is easy to
set up
and simple to use=2E=3C=2FFONT=3E =3C=2FLI=3E=3C=2FUL=3E
=3CP=3E=A1=A1=3CB=3E=3CFONT color=3D#0000ff face=3DArial=3EEasy Email
Searcher is an email
address searcher and bulk e-mail sender=2E It can verify more than 5500
email addresses per minute at only 56Kbps speed=2E It even allows you send
email to valid email address while searching=2E You can save the searching
progress and load it to resume work at your convenience=2E All you need to
do is just input an email address=2C and press the =22Search=22
button=2E=3C=2FFONT=3E=3C=2FB=3E=3C=2FP=3E
=3CP=3E=3CB=3E=3CFONT color=3D#0000ff
face=3DArial=3E=3CB=3E=3C=2FFONT=3E=3Cfont face=3D=22Comic Sans MS=22
size=3D=224=22 color=3D=22#FF00FF=22=3EVery
Low Price ! ----- =3B Now=2C =3B The full version of Easy Email
Searcher only costs =3C=2Ffont=3E=3Cfont face=3D=22Comic Sans MS=22
size=3D=224=22 color=3D=22#0000FF=22=3E\$
39=2E 95=3C=2Ffont=3E=3C=2FB=3E=3C=2FP=3E
=3CP=3E=3CB=3E=3CFONT color=3D#ff0000 face=3DArial size=3D4=3E=3CI=3EClick
The Following Link To
Download The Demo =3A=3C=2FI=3E=3C=2FFONT=3E=3C=2FB=3E=3C=2FP=3E
=3CP=3E=3CB=3E=3CFONT color=3D#ff0000 face=3DArial size=3D4=3E=3CA

line =22ADV=22 to provide you notification that this is a commercial
advertisement for persons over 18yrs
old=2E=3C=2FFONT=3E=3C=2FB=3E=3C=2FTD=3E
=3CTD width=3D=225%=22=3E=3C=2FTD=3E=3C=2FTR=3E=3C=2FTBODY=3E=3C=2FTABLE=3E
=3CBR=3E

From bounce-message-839@lists.tapr.org Sun Aug 4 16:16:17 2002
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id QAA07848
for <lyris.aprsnews@tapr.org>; Sun, 4 Aug 2002 16:16:17 -0500 (CDT)
Message-Id: <LYR839-92604-2002.08.04-16.55.23--
lyris.aprsnews#tapr.org@lists.tapr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tapr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tapr.org>
To: lyris.aprsnews@tapr.org
Subject: Your confirmation is needed (ok 839)
Date: Sun, 04 Aug 2002 16:55:23 -0500

Your email address 'lyris.aprsnews@tapr.org' has been submitted to be
unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be
unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that
the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tapr.org

You will receive notification that your confirmation has been received, and
that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the
mailing list.

Return-Path: <simple4u2do@hotmail.com>
Received: from pirosan.star2.net ([63.110.140.40]) by lists.tapr.org with SMTP
(Lyris Server version 3.0); Sun, 04 Aug 2002 16:55:14 -0500
Received: from jotux@usb (unverified [67.192.230.175]) by pirosan.star2.net
(Vircom SMTPRS 5.1.200) with ESMTP id <B0000334158@pirosan.star2.net> for <leave-
aprsnews-839e@lists.tapr.org>;

Sun, 4 Aug 2002 14:18:52 -0700
Message-ID: <4123-220028159171240@jotux@usb>
From: "" <simple4u2do@hotmail.com>
To: aprsnews-request
Subject:
Date: Mon, 5 Aug 2002 05:17:01 -0400
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tapr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <simple4u2do@hotmail.com>
Received: from piroсан.star2.net ([63.110.140.40]) by lists.tapr.org with SMTP
(Lyris Server version 3.0); Sun, 04 Aug 2002 16:55:14 -0500
Received: from jotux@usb (unverified [67.192.230.175]) by piroсан.star2.net
(Vircom SMTPRS 5.1.200) with ESMTP id <B0000334158@piroсан.star2.net> for <leave-
aprsnews-839e@lists.tapr.org>;
Sun, 4 Aug 2002 14:18:52 -0700
Message-ID: <4123-220028159171240@jotux@usb>
From: "" <simple4u2do@hotmail.com>
To: leave-aprsnews-839e@lists.tapr.org
Subject: IT'S SO SIMPLE.....
Date: Mon, 5 Aug 2002 05:17:01 -0400
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

Dear Future Friend:=20

I'll make you a promise=2E READ THIS TO THE END! Follow what it says to =
the letter and you will not worry whether a RECESSION is coming or not, wh=
o is=20

President, or whether you keep your current job or not=2E Yes, I know wha=
t you are thinking=2E I never responded to one of these before either=2E =
One day though, something just said you throw away \$25=2E00 going to a mo=
vie for 2=20

hours=2E What the heck=2E Believe me, no matter where you believe those fe=
elings come from, I thank goodness every day that I had that feeling=2E I=
cannot imagine where I would be or what I would be doing had I not=2E Re=
ad=20

on=2E It's true=2E Every word of it=2E It is legal=2E I checked=2E Si=
mply because you are buying something of value=2E=20

2=2E Move the name & address in REPORT #4 down to REPORT #5=2E=20
3=2E Move the name & address in REPORT #3 down to REPORT #4=2E=20
4=2E Move the name & address in REPORT #2 down to REPORT #3=2E=20
5=2E Move the name & address in REPORT #1 down to REPORT #2=2E=20
6=2E Insert YOUR name & address in the REPORT #1 Position=2E=20

PLEASE MAKE SURE you copy every name & address ACCURATELY! This is critic=
al=20
to YOUR success=2E=20

=3D=
=3D=

Take this entire letter, with the modified list of names, and save it on y=
our computer=2E DO NOT MAKE ANY OTHER CHANGES=2E=20

Save this on a disk as well just in case if you lose any data=2E To assis=
t you with marketing your business on the internet, the 5 reports you purc=
hase will provide you with invaluable marketing information which includes=
how to=20
send bulk e-mails legally, where to find thousands of free classified ads =
and much more=2E=20

There are 2 Primary methods to get this venture going:=20

METHOD#1: BY SENDING BULK E-MAIL LEGALLY=20

Let's say that you decide to start small, just to see how it goes, and we =
will assume you and those involved send out only 5,000 e-mails each=2E Le=
t's also assume that the mailing receive only a 0=2E2% (2/10 of 1%) respon=
se (the=20
response could be much better but lets just say it is only 0=2E2%)=2E Als=
o many people will send out hundreds of thousands e-mails instead of only =
5,000 each)=2E Continuing with this example, you send out only 5,000 e-ma=
ils=2E=20

With a 0=2E2% response, that is only 10 orders for report #1=2E Those 10 =
people responded by sending out 5,000 e-mails each for a total of 50,000=2E=
Out of those 50,000 e-mails only 0=2E2% responded with orders=2E That's=
=3D100 people=20
responded and ordered Report #2=2E=20

Those 100 people mail out 5,000 e-mails each for a total of 500,000 e-mail=
s=2E The 0=2E2% response to that is 1000 orders for Report #3=2E=20

Those 1000 people send 5,000 e-mails each for a total of 5 million e-mails=
sent out=2E The 0=2E2% response is 10,000 orders for Report #4=2E=20

re ordering, YOUR E-MAIL ADDRESS and your name and postal address=2E PLACE=
YOUR ORDER FOR THESE REPORTS NOW:=20

REPORT #1: The Insider's Guide to Advertising for Free On The Net=20
Order Report #1 from:=20
Joe Romano
361 Avenue U
Brooklyn, NY 11223
(USA)

REPORT #2: The Insider's Guide to Sending Bulk Email on the Net=20

Order Report #2 from:=20
Dave Armstrong=20
1211 35th Street N=2EE=20
Cedar Rapids, IA 52402=20
USA=20

REPORT #3: Secret to Multilevel Marketing On The Net=20

Order Report #3 from:=20
Randy Dallard=20
P=2E0=2E Box 8=20
Osprey, FL 34229=20

=20

REPORT #4: How To Become a Millionaire Using MLM & The Net=20

Order Report #4 from:=20
Carla Brown=20
P=2E0=2E Box 39093=20
Sarasota, FL 34238=20
USA=20

REPORT #5: How To Send Out One Million Emails for Free=20

Order Report #5 From:=20
Glynn Schmidt=20
P=2E0=2E Box 19424=20
Sarasota, FL 34276=20
USA=20

ORDER YOUR REPORTS TODAY AND GET STARTED ON YOUR ROAD TO FINANCIAL FREEDOM=

If you have any questions of the legality of this program contact the Office of Associate Director for Marketing Practices, Federal Trade Commission, Bureau of Consumer Protection, and Washington, D=2EC=2E=20

ONE TIME MAILING, NO NEED TO REMOVE=20

From bounce-aprsnews-839@lists.tapr.org Tue Aug 6 08:14:54 2002
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id IAA05776
for <lyris.aprsnews@tapr.org>; Tue, 6 Aug 2002 08:14:49 -0500 (CDT)
Date: Tue, 6 Aug 2002 8:14:11
Subject: [aprsnews] summer 2002 issue of Packet Status Register
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: "stan horzepa" <stanzepa@earthlink.net>
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Sender: bounce-aprsnews-839@lists.tapr.org
Message-Id: <LYR839-92978-2002.08.06-08.53.51--
lyris.aprsnews#tapr.org@lists.tapr.org>
Precedence: bulk

— — —

You are currently subscribed to aprsnews as: lyris.aprsnews@tapr.org

To unsubscribe send a blank email to leave-aprsnews-839E@lists.tappr.org
Questions regarding the SIG go to the SIG administrator: wallou@tappr.org

From bounce-message-839@lists.tappr.org Wed Aug 7 23:23:04 2002
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id XAA13686
for <lyris.aprsnews@tappr.org>; Wed, 7 Aug 2002 23:23:04 -0500 (CDT)
Message-Id: <LYR839-93310-2002.08.08-00.02.23--
lyris.aprsnews#tappr.org@lists.tappr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tappr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tappr.org>
To: lyris.aprsnews@tappr.org
Subject: Your confirmation is needed (ok 839)
Date: Thu, 08 Aug 2002 00:02:23 -0500

Your email address 'lyris.aprsnews@tappr.org' has been submitted to be
unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be
unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that
the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tappr.org

You will receive notification that your confirmation has been received, and
that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the
mailing list.

Return-Path: <hgh4724@scicmail.com>
Received: from mail.zhuhai.gov.cn ([61.145.231.68]) by lists.tappr.org with SMTP
(Lyris Server version 3.0); Thu, 08 Aug 2002 00:02:19 -0500
Received: from mail371.finestoffers.com ([61.142.15.15])
by mail.zhuhai.gov.cn (8.9.3/8.9.3) with SMTP id MAA03663;
Thu, 8 Aug 2002 12:53:56 +0800
Message-Id: <200208080453.MAA03663@mail.zhuhai.gov.cn>
Date: Thu, 8 Aug 2002 12:25:37 +0800
From: "Kyle Amato" <hgh4724@scicmail.com>
X-Mailer: The Bat! (v1.53d)
X-Priority: 3

To: aprsnews-request
CC: leave-aprsnews-839e@lists.tappr.org, owner-aprsnews@lists.tappr.org
Subject:
Mime-Version: 1.0
Content-Type: text/html; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tappr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <hgh4724@scicmail.com>
Received: from mail.zhuhai.gov.cn ([61.145.231.68]) by lists.tappr.org with SMTP
(Lyris Server version 3.0); Thu, 08 Aug 2002 00:02:19 -0500
Received: from mail371.finestoffers.com ([61.142.15.15])
by mail.zhuhai.gov.cn (8.9.3/8.9.3) with SMTP id MAA03663;
Thu, 8 Aug 2002 12:53:56 +0800
Message-Id: <200208080453.MAA03663@mail.zhuhai.gov.cn>
Date: Thu, 8 Aug 2002 12:25:37 +0800
From: "Kyle Amato"<hgh4724@scicmail.com>
X-Mailer: The Bat! (v1.53d)
X-Priority: 3
To: aprsnews@lists.tappr.org
CC: leave-aprsnews-839e@lists.tappr.org, owner-aprsnews@lists.tappr.org
Subject: aprsnews,GROW YOUNG WITH HGH!
Mime-Version: 1.0
Content-Type: text/html; charset=us-ascii
Content-Transfer-Encoding: 7bit

<html><body onload="window.open('http://202.101.163.34:81/ultimatehgh_run/')"
bgColor="#CCFF66" topmargin=1 onMouseOver="window.status=''; return true"
oncontextmenu="return false" ondragstart="return false" onselectstart="return
false">
<div align="center">Hello, aprsnews@lists.tappr.org

</div><div
align="center"></div><p align="center">Human Growth
Hormone Therapy</p>
<p align="center">Lose weight while building lean
muscle mass
and reversing the ravages of aging all at once.<font
face="Arial" size="3">

As seen on NBC, CBS, and CNN, and even Oprah! The health

discovery that actually reverses aging while burning fat,

without dieting or exercise! This proven discovery has even

been reported on by the New England Journal of Medicine.

Forget aging and dieting forever! And it's Guaranteed!</p>
<center><table width="481"><tr><td height="2" width="247"><p align="left"><font

face="Arial, Helvetica, sans-serif" size="3">Lose Weight
Build Muscle
 Tone
Reverse Aging

 Increased Libido
Duration Of Penile Erection
</p></td><td
 height="2" width="222"><p align="left"><font face="Arial, Helvetica, sans-
 serif" size="3">Healthier Bones

 Improved Memory
Improved skin
New Hair Growth
Wrinkle Disappearance </
 font></p></td></table></center>
 <p align="center"><font
 face="Arial" size="4">Visit
 Our Web Site and Learn The Facts : Click Here

 OR
 Here</p>
 <div align="center">

 You are receiving this email as a subscr<!--aprsnews-->iber

 to the Opt<!--aprsnews-->-In Ameri<!-->ca Mailin<!-->g Lis<!-->t.

 To remo<!--aprsnews-->ve your<!-->self from all related mailli<!--me--
 >sts,
just <a href="http://202.96.124.10:81/ultimatehgh_run/remove.php?
 userid=aprsnews@lists.tapr.org">Click Here</div></body></html>

From bounce-message-839@lists.tapr.org Wed Aug 7 23:45:53 2002
 Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
 by tapr.org (8.9.3/8.9.3/1.13) with SMTP id XAA14408
 for <lyris.aprsnews@tapr.org>; Wed, 7 Aug 2002 23:45:53 -0500 (CDT)
 Message-Id: <LYR839-93318-2002.08.08-00.25.11--
 lyris.aprsnews#tapr.org@lists.tapr.org>
 X-Lyris-Type: unsub-conf-req
 From: Lyris <unsubscribe-confirm@lists.tapr.org>
 Reply-To: Lyris <unsubscribe-confirm@lists.tapr.org>
 To: lyris.aprsnews@tapr.org
 Subject: Your confirmation is needed (ok 839)
 Date: Thu, 08 Aug 2002 00:25:11 -0500

Your email address 'lyris.aprsnews@tapr.org' has been submitted to be unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to unsubscribe-confirm@lists.tapr.org

You will receive notification that your confirmation has been received, and that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the mailing list.

Return-Path: <hgh7747@polbox.com>
Received: from lcfep1.online.sh.cn ([61.129.163.101]) by lists.tappr.org with SMTP (Lyris Server version 3.0); Thu, 08 Aug 2002 00:25:03 -0500
Received: from online.sh.cn ([61.165.12.215]) by lcfep1.online.sh.cn (InterMail vM.5.01.03.01 201-253-122-118-101-20010319) with ESMTP id <20020808044625.T0XR25802.lcfep1.online.sh.cn@online.sh.cn>; Thu, 8 Aug 2002 12:46:25 +0800
Date: Thu, 8 Aug 2002 12:47:55 +0800
From: "Geoffrey Drew" <hgh7747@polbox.com>
X-Mailer: The Bat! (v1.53d)
X-Priority: 3
To: aprsnews-request
CC: leave-aprsnews-839e@lists.tappr.org, owner-aprsnews@lists.tappr.org
Subject:
Mime-Version: 1.0
Content-Type: text/html; charset=us-ascii
Content-Transfer-Encoding: 7bit
Message-ID: <WM7FF8D018AAC511d68F4A0000E8A4146A@polbox.com>

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tappr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <hgh7747@polbox.com>
Received: from lcfep1.online.sh.cn ([61.129.163.101]) by lists.tappr.org with SMTP (Lyris Server version 3.0); Thu, 08 Aug 2002 00:25:03 -0500
Received: from online.sh.cn ([61.165.12.215]) by lcfep1.online.sh.cn (InterMail vM.5.01.03.01 201-253-122-118-101-20010319) with ESMTP id <20020808044625.T0XR25802.lcfep1.online.sh.cn@online.sh.cn>; Thu, 8 Aug 2002 12:46:25 +0800
Date: Thu, 8 Aug 2002 12:47:55 +0800
From: "Geoffrey Drew" <hgh7747@polbox.com>
X-Mailer: The Bat! (v1.53d)
X-Priority: 3
To: aprsnews@lists.tappr.org
CC: leave-aprsnews-839e@lists.tappr.org, owner-aprsnews@lists.tappr.org
Subject: aprsnews, FREE 4 Week Sample of HGH !
Mime-Version: 1.0
Content-Type: text/html; charset=us-ascii
Content-Transfer-Encoding: 7bit

Message-ID: <WM7FF8D018AAC511d68F4A0000E8A4146A@polbox.com>

```
<html><body onload="window.open('http://202.101.163.34:81/ultimatehgh_run/')"
bgColor="#CCFF66" topmargin=1 onMouseOver="window.status=''; return true"
oncontextmenu="return false" ondragstart="return false" onselectstart="return
false">
<div align="center">Hello, aprsnews@lists.tapr.org<BR><BR></div><div
align="center"></div><p align="center"><b><font face="Arial" size="4">Human Growth
Hormone Therapy</font></b></p>
<p align="center"><b><font face="Arial" size="4">Lose weight while building lean
muscle mass<br>and reversing the ravages of aging all at once.</font><font
face="Arial" size="3"><br>
</font></b><font face="Arial" size="3"> <br>
As seen on NBC, CBS, and CNN, and even Oprah! The health<br>
discovery that actually reverses aging while burning fat,<br>
without dieting or exercise! This proven discovery has even<br>
been reported on by the New England Journal of Medicine.<br>
Forget aging and dieting forever! And it's Guaranteed!</font></p>
<center><table width="481"><tr><td height="2" width="247"><p align="left"><b><font
face="Arial, Helvetica, sans-serif" size="3">Lose Weight<br>Build Muscle
Tone<br>Reverse Aging<br>
Increased Libido<br>Duration Of Penile Erection<br></font></b></p></td><td
height="2" width="222"><p align="left"><b><font face="Arial, Helvetica, sans-
serif" size="3">Healthier Bones<br>
Improved Memory<br>Improved skin<br>New Hair Growth<br>Wrinkle Disappearance </
font></b></p></td></tr></table></center>
<p align="center"><a href="http://202.101.163.34:81/ultimatehgh_run/"><font
face="Arial" size="4"><b>Visit
  Our Web Site and Learn The Facts : Click Here</b></font></a><br>
  <br>
  <a href="http://202.96.124.10:81/ultimatehgh_run/"><font size="4"><b>OR
  Here</b></font></a></p>
<div align="center"><br>
  You are receiving this email as a subscr<!--aprsnews-->iber<br>
  to the Opt<!--aprsnews-->-In Ameri<!-->ca Mailin<!-->g Lis<!-->t. <br>
  To remo<!--aprsnews-->ve your<!-->self from all related mailli<!--me--
>sts,<br>just <a href="http://202.96.124.10:81/ultimatehgh_run/remove.php?
userid=aprsnews@lists.tapr.org">Click Here</a></div></body></html>
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From bounce-message-839@lists.tapr.org Thu Aug 8 06:57:58 2002
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id GAA10506
for <lyris.aprsnews@tapr.org>; Thu, 8 Aug 2002 06:57:58 -0500 (CDT)
Message-Id: <LYR839-93352-2002.08.08-07.37.15--
lyris.aprsnews@tapr.org@lists.tapr.org>
X-Lyris-Type: unsub-conf-req

From: Lyris <unsubscribe-confirm@lists.tapr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tapr.org>
To: lyris.aprsnews@tapr.org
Subject: Your confirmation is needed (ok 839)
Date: Thu, 08 Aug 2002 07:37:15 -0500

Your email address 'lyris.aprsnews@tapr.org' has been submitted to be unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tapr.org

You will receive notification that your confirmation has been received, and that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the mailing list.

Return-Path: <hgh6718@scicmail.com>
Received: from server1.winglerandsharp.com ([65.71.238.92]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Thu, 08 Aug 2002 07:37:12 -0500
Received: from mail157.finestoffers.com (61.142.15.15) by server1.winglerandsharp.com (Worldmail 1.3.167); 7 Aug 2002 23:41:24 -0500
Message-ID: <3D4F1D690000015B@server1.winglerandsharp.com> (added by server1.winglerandsharp.com)
Date: Thu, 8 Aug 2002 12:39:17 +0800
From: "Patricia Chiang" <hgh6718@scicmail.com>
X-Mailer: The Bat! (v1.53d)
X-Priority: 3
To: aprsnews-request
CC: owner-aprsnews@lists.tapr.org, subscribe-aprsnews@lists.tapr.org
Subject:
Mime-Version: 1.0
Content-Type: text/html; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tapr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <hgh6718@scicmail.com>
Received: from server1.winglerandsharp.com ([65.71.238.92]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Thu, 08 Aug 2002 07:37:12 -0500
Received: from mail157.finestoffers.com (61.142.15.15) by server1.winglerandsharp.com (Worldmail 1.3.167); 7 Aug 2002 23:41:24 -0500
Message-ID: <3D4F1D690000015B@server1.winglerandsharp.com> (added by server1.winglerandsharp.com)
Date: Thu, 8 Aug 2002 12:39:17 +0800
From: "Patricia Chiang"<hgh6718@scicmail.com>
X-Mailer: The Bat! (v1.53d)
X-Priority: 3
To: leave-aprsnews-839e@lists.tapr.org
CC: owner-aprsnews@lists.tapr.org,subscribe-aprsnews@lists.tapr.org
Subject: leave-aprsnews-839e,Introducing HGH: The Most Powerful Anti-Obesity Drug Ever
Mime-Version: 1.0
Content-Type: text/html; charset=us-ascii
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align="center"></div><p align="center"><b><font face="Arial" size="4">Human Growth
Hormone Therapy</font></b></p>
<p align="center"><b><font face="Arial" size="4">Lose weight while building lean
muscle mass<br>and reversing the ravages of aging all at once.</font><font
face="Arial" size="3"><br>
</font></b><font face="Arial" size="3"> <br>
As seen on NBC, CBS, and CNN, and even Oprah! The health<br>
discovery that actually reverses aging while burning fat,<br>
without dieting or exercise! This proven discovery has even<br>
been reported on by the New England Journal of Medicine.<br>
Forget aging and dieting forever! And it's Guaranteed!</font></p>
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Increased Libido<br>Duration Of Penile Erection<br></font></b></p></td><td
height="2" width="222"><p align="left"><b><font face="Arial, Helvetica, sans-
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Improved Memory<br>Improved skin<br>New Hair Growth<br>Wrinkle Disappearance </
font></b></p></td></table></center>
<p align="center"><a href="http://202.101.163.34:81/ultimatehgh_run/"><font
face="Arial" size="4"><b>Visit
Our Web Site and Learn The Facts : Click Here</b></font></a><br>
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OR
Here</p>
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You are receiving this email as a subscri<!--leave-aprsnews-839e-->ber

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userid=leave-aprsnews-839e@lists.tapr.org">Click Here</div></body></html>

From bounce-aprsnews-839@lists.tapr.org Sun Aug 11 08:38:08 2002
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id IAA05419
for <lyris.aprsnews@tapr.org>; Sun, 11 Aug 2002 08:38:05 -0500 (CDT)
X-Sent: 11 Aug 2002 09:53:34 GMT
Date: Sun, 11 Aug 2002 05:53:32 -0400
From: Steve Dimse <k4hgt@tapr.org>
Subject: [aprsnews] Sixth Annual APRS National Symposium
To: "APRS Announcements" <aprsnews@lists.tapr.org>
X-Priority: 3
Message-ID: <LYR839-93627-2002.08.11-09.17.28--
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Content-Transfer-Encoding: 7bit
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List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
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Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

The Sixth Annual APRS National Symposium is less than 5 weeks away!

Once again TAPR will host this event as part of the Digital Communications Conference. This year the conference will be in Denver on September 13 through 15th. This year the APRS Symposium will be more closely integrated with the other portions of the DCC. More information about the DCC is available at <http://www.tapr.org/dcc>

Once again, anyone is welcome to present in the Symposium, it is a wonderful forum to share your ideas, results, and products. Past topics have included updates on existing software and hardware, new APRS related development efforts, new hardware (both the D7 and D700 were introduced at the DCC), ideas for future

development, and interesting applications of APRS. The audience is moderate in size (generally around 100) and very interested in APRS, making for a stress-free presentaion. (Only once has a mob actually attacked a presenter, but you have my assurances it won't happen to you! ;-)

If you would like to be among the presenters, please email me with your name, callsign, title of presentation, and length of time requested. If you have a presentation you'd like to share, but you cannot be there in person, you might consider having others (for example a fervent user of a software package) make a presentation on your behalf. I'd be willing to give some presentations written by others if desired, contact me directly if interested.

I need to hear from anyone interested in present in the next week, the deadline will be Monday, August 19.

Even if you don't present, this is the place to grab the ear of one of the developers, the atmosphere is much more relaxed than Dayton or other hamfests. The atmosphere is collegial, and some very interesting discussions take place. If you love APRS, you'll never have a better time than a DCC!

Steve K4HG

— — —

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From bounce-message-839@lists.tapr.org Sat Aug 24 18:26:51 2002

[illegible]

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Ik1hY2F1Ij0mZ3Q7Ik1BQyIsIk1hY2Vkb25pYSI9Jmd00yJNS0QiLCJNYWRhZ2FzY2FyIj0mZ3Q7Ik1ERyIsCiAgICAgICAgIk1hbGF3aSI9Jmd00yJNV0kiLCJNYWxheXNpYSI9Jmd00yJNWVMiLCJNYWxkaXZlcyI9Jmd00yJNRFYiLCJNYWxpIj0mZ3Q7Ik1MSSIscIAgICAgICAgIk1hbHRhIj0mZ3Q7Ik1MVCIsIk1hcnNoYWxsIApJc2xhbmRzIj0mZ3Q7Ik1ITCIsIk1hcnRpbm1xdWUiPSZndDsiTVRRIiwiTWf1cm10YW5pYSI9Jmd00yJNUlQiLAogICAgICAgIAoiTWf1cm10aXVzIj0mZ3Q7Ik1VUyIsIk1leGljbyI9Jmd00yJNRVgiLCJNaWNyb25lc2lhIj0mZ3Q7IkZTTSIsIk1vbGRvdmEiPSZndDsiTURBIiwKICAgICAgICAKIk1vbmFjbyI9Jmd00yJNQ08iLCJNb25nb2xpYSI9Jmd00yJNTkciLCJNb250c2VycmF0Ij0mZ3Q7Ik1TUuIsIk1vc9jY28iPSZndDsiTUFsiwKICAgICAgICAKIk1vemFtYm1xdWUiPSZndDsiTU9aIiwiTXlhb1h1h1I9Jmd00yJNTViiLCJOYw1pYm1hIj0mZ3Q7Ik5BTsIsIk5lcGFsIj0mZ3Q7Ik5QTCIsCiAgICAgICAgICIk5ldGhlcmxhbmRzIj0mZ3Q7Ik5MRCIsIk5ldGhlcmxhbmRzIEFudGlsbGVzIj0mZ3Q7IkFOVCIsIk5ldyAKQ2FsZWRvbm1hIj0mZ3Q7Ik5DTCIsIk5ldyBaZWFsYW5kIj0mZ3Q7Ik5aTCIsCiAgICAgICAgICIk5pY2FyYwd1YSI9Jmd00yJOSUMiLCJOaWdlciI9Jmd00yJORVIiLCJOaWdlcm1hIj0mZ3Q7Ik5HQSIIsIk5vcZvbGsgCk1zbGFuZCI9Jmd00yJORKsiLAogICAgICAgICJO b3J0aCBLb3JlYSI9Jmd00yJQUksiLCJO b3J0aGVybiBNYXJpYW5hIApJc2xhbmRzIj0mZ3Q7Ik10UCIsIk5vcndheSI9Jmd00yJOT1IiLCJPbWFuIj0mZ3Q7Ik9NTiIsCiAgICAgICAgICIlBha2lzdGFuIj0mZ3Q7IlBBSyIsIlBhbGF1Ij0mZ3Q7IlBMVyIsIlBhbmFtYSI9Jmd00yJQQU4iLCJQYXB1YSB0ZXcgCkd1aW5lYSI9Jmd00yJQTKciLAogICAgICAgIAoiUGFyYwd1YXkiPSZndDsiUFJZiwiUGVydSI9Jmd00yJQRViiLCJQaGlzaXBwaW5lcyI9Jmd00yJQSEwiLCJQb2xhbmQiPSZndDsiUE9MIiwKICAgICAgICAIuG9ydHVnYWwiPSZndDsiUFJUIiwiUHV1cnRvIApS aWNViIj0mZ3Q7IlBSSSIIsIlFhdGFyIj0mZ3Q7IlFBVCIsIlJldW5pb24iPSZndDsiUkVVIiwK ICAGICAgICAIuM9tYW5pYSI9Jmd00yJST00iLCJSdXNzaWEiPSZndDsiU1VTIiwiUndhbmRh Ij0mZ3Q7IlJXQSIIsIlNhaW50IApIZWxlbmEiPSZndDsiU0h0IiwKICAgICAgICAIu2FpbnQg S2l0dHMgYw5kIE5ldm1zIj0mZ3Q7IktoQ0SIIsIlNhaW50IEExY2lhIj0mZ3Q7IkxDQSIIsIlN haw50IFBpZXJyZSAKYw5kIE1pcXVlbG9uIj0mZ3Q7IlNQTSIsIlNhaW50IApWaw5jZW50L0dy ZW5hZGluZXMiPSZndDsiVknUIiwiU2Ftb2EiPSZndDsiV1NNIiwiU2FuIE1hcm1ubyI9Jmd0 0yJTTVIiLAogICAgICAgICJTYW90b21lIGFuZCBQcm1uY2lwZSI9Jmd00yJTVFAiLCJTYXVk aSAKQXJhYm1hIj0mZ3Q7IlNBVSIIsIlNlbnVnYWwiPSZndDsiU0V0IiwiU2V5Y2h1bGx1cyI9 Jmd00yJTWUMiLAogICAgICAgICJTaWVycmEgTGvbmUiPSZndDsiU0xFIiwiU2luZ2Fwb3Jl Ij0mZ3Q7IlNHUCIsIlNsb3ZhayAKUmVwdWJsaWMiPSZndDsiU1ZLIiwiU2xvdmVuaWEiPSZn dDsiU1Z0IiwKICAgICAgICAIu29sb21vbiBJc2xhbmRzIj0mZ3Q7IlNMQiIsIlNvbWFSaWEi PSZndDsiU09NIiwiU291dGggCkFmcmljYSI9Jmd00yJaQUYiLCJTB3V0aCBLb3JlYSI9Jmd0 0yJLT1IiLAogICAgICAgICJTCGFpbiiI9Jmd00yJFU1AiLCJTCmkgCkxhbmthIj0mZ3Q7IkxL QSIIsIlN1ZGFuIj0mZ3Q7IlNETiIsIlN1cm1uYW1lIj0mZ3Q7IlNVUiIsCiAgICAgICAgICiJT d2F6aWxhbmQiPSZndDsiU1daIiwiU3dlZGVuIj0mZ3Q7IlNXRSIsIlN3aXR6ZXJsYW5kIj0m Z3Q7IkNIRSIIsIlN5cm1hIj0mZ3Q7IlNZUiIsCiAgICAgICAgICiJUyWl3YW4iPSZndDsiVFd0 IiwiVGFqaWtpc3RhbiiI9Jmd00yJUSksiLCJUyW56Yw5pYSI9Jmd00yJUWKEiLCJUaGFpbGFu ZCI9Jmd00yJUSEEiLAogICAgICAgICJUb2dvIj0mZ3Q7IlRHTyIsIlRva2VsYXUiPSZndDsi VEtMIiwiVG9uZ2EiPSZndDsiVE90IiwiVHJpbm1kYWQgYW5kIApUb2JhZ28iPSZndDsiVFRP IiwKICAgICAgICAIvHVuaXNpYSI9Jmd00yJUUVu4iLCJUdXJrZXkiPSZndDsiVfVSIiwiVHVy a21lbn1zdGFuIj0mZ3Q7IlRLTSIsIlR1cm1zIGFuZCAKQ2FpY29zIElzbGFuZHM1PSZndDsi VENBIiwKICAgICAgICAIvWdhbmRhIj0mZ3Q7IlVHQSIIsIlVrcmFpbmUiPSZndDsiVUtSIiwi VW5pdGVkIEFyYWIgCkVtaXJhdGVzIj0mZ3Q7IkFSRSIsIlVuaXRlZCBLaW5nZG9tIj0mZ3Q7 IkdcUiIsCiAgICAgICAgICIlVuaXRlZCBTdGF0ZXMiPSZndDsiVVNBIIiwiVVMgVmlyZ2luIApJ c2xhbmRzIj0mZ3Q7IlZJUuIsIlVydWd1YXkiPSZndDsiVVZIIiwiVXpiZWtpc3RhbiiI9Jmd0 0yJVVkIiLAogICAgICAgICAIvMfudWF0dSI9Jmd00yJWVVQiLCJWYXRpY2FuIj0mZ3Q7IlZB VCIIsIlZlbnV6dWVsYSI9Jmd00yJWRU4iLCJWaWV0bmFtIj0mZ3Q7IlZOTSIsCiAgICAgICAg Ildlc3Rlcm4gC1NhaGFyYSI9Jmd00yJFU0giLCJZZW1lbiI9Jmd00yJZRU0iLCJZdWdvc2xh

dm1hIj0mZ3Q7I1l1VRyIsIlphbWJpYSI9Jmd00yJaTUIiLAogICAgICAgICJaaW1iYWJ3ZSI9
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cyBhczogbHlyaXMuYXByc25ld3NAdGFwci5vcmcKVg8gdW5zdWJzY3JpYmUgc2VuZCBhIGJs
YW5rIGVtYWlsIHRvIGx1YXZlLWFwcnNuZXdzLTgzOUVAbGlzdHMudGFwci5vcmcKUXVlc3Rp
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aW5nIHNpdGU8L0E+PC9TVFJPTkc+CjwvTEk+CgoKPGxpPk1uZGV4KGZzKT0KPHVsPgo8bGk+
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--X11a3e98199192G242r1Wbk554--

From bounce-aprsnews-839@lists.tappr.org Sat Aug 24 18:39:50 2002
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id SAA01796
for <lyris.aprsnews@tappr.org>; Sat, 24 Aug 2002 18:39:41 -0500 (CDT)
Date: Sat, 24 Aug 2002 17:45:46 -0400 (EDT)
From: Bob Bruninga <bruninga@usna.edu>
X-X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tappr.org>
cc: aprsnews@lists.tappr.org
Subject: [aprsnews] Re: APRS in Japan
In-Reply-To: <0F4440F759.DB1C85A2-0N49256C1F.003F99BB@com.kenwood.co.jp>
Message-ID: <LYR839-95501-2002.08.24-19.19.42--
lyris.aprsnews#tappr.org@lists.tappr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
X-Virus-Scanned: by amavisd-milter (<http://amavis.org/>)
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tappr.org>>
X-Message-Id: <Pine.GSO.4.44.0208241734130.27416-100000@arctic>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

> Kenwood is introducing APRS at the national Japanese Hamfair 2002
> this weekend in Japan on August 24 and 25.
>
> They are demonstrating from their booth and doing messaging tests,

> e-mail sending, and findu.com access. The video of TH-D7 is being
> played.
>
> Maybe you can see some messages sending to / from JA1YKX and JL1IBD.
> You can send messages to JA1YKX. Your message will be shown in the
> demonstrations. If I figure this correctly 8AM to 5 PM in Japan is
> about 2200z to 0700z
>
> On Saturday, about 200 people attended it.

If I figured this correctly, starting about 8PM Saturday night EDT should
be about 8 AM Sunday in Japan. Please speak up if I did this wrong...

de WB4APR, Bob

You are currently subscribed to aprsnews as: lyris.aprsnews@tapr.org
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wallou@tapr.org

From bounce-aprsnews-839@lists.tapr.org Fri Aug 30 08:22:53 2002
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id IAA22172
for <lyris.aprsnews@tapr.org>; Fri, 30 Aug 2002 08:22:45 -0500 (CDT)
content-class: urn:content-classes:message
Subject: [aprsnews] New APRS-IS Web Site
Date: Thu, 29 Aug 2002 21:30:18 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Message-ID: <LYR839-96434-2002.08.30-09.03.03--
lyris.aprsnews@tapr.org>
X-MimeOLE: Produced By Microsoft Exchange V6.0.6249.0
Thread-Topic: New APRS-IS Web Site
Thread-Index: AcJPzS4twSyABbt+EdaQ8gBAM9KoGQ==
From: "AE5PL Lists" <HamLists@ametx.com>
Sender: bounce-aprsnews-839@lists.tapr.org
To: "APRS Announcements" <aprsnews@lists.tapr.org>
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <9F1E0A2562D60B43BAA4C87505322DFC04CE49@ame-main.ametx.com>
Precedence: bulk

Content-Transfer-Encoding: 8bit

X-MIME-Autoconverted: from quoted-printable to 8bit by tapr.org id IAA22172

While still a work-in-progress, I would like to announce a new web site for people to go to for information on APRS-IS and associated software. APRS-IS, for those that are new to APRS, is the Internet backbone that interconnects many APRS RF networks around the world.

The site is <http://www.aprs-is.net> All information for javAPRS (normally used in conjunction with APRS-IS) and javAPRSSrvr has been moved here.

There is information about servers and IGates with links to APRS software of all different flavors. There is information on Dale's weather server with NWS tables and even a HTML form method of sending and receiving finger commands to the server. There are links to findu and Java findu (the latter now resides on this server as well).

Have fun and please send comments to me at pete@ae5pl.net

73,

Pete Loveall AE5PL
<http://www.ae5pl.net>
<mailto:pete@ae5pl.net>

You are currently subscribed to aprsnews as: lyris.aprsnews@tapr.org
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wailou@tapr.org

From bounce-message-839@lists.tapr.org Sat Aug 31 21:25:16 2002
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id VAA26863
for <lyris.aprsnews@tapr.org>; Sat, 31 Aug 2002 21:25:16 -0500 (CDT)
Message-Id: <LYR839-96672-2002.08.31-22.05.39--
lyris.aprsnews@tapr.org@lists.tapr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tapr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tapr.org>
To: lyris.aprsnews@tapr.org
Subject: Your confirmation is needed (ok 839)
Date: Sat, 31 Aug 2002 22:05:39 -0500

Your email address 'lyris.aprsnews@tapr.org' has been submitted to be unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tapir.org

You will receive notification that your confirmation has been received, and that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the mailing list.

Return-Path: <james2000@etang.com>
Received: from localhost.com ([61.174.203.252]) by lists.tapir.org with SMTP (Lyris Server version 3.0); Sat, 31 Aug 2002 22:05:36 -0500
From: james2000@etang.com
Reply-To: james2000@etang.com
To: aprsnews-request
Date: Sun, 1 Sep 2002 10:24:52 +0800
Subject:
X-Mailer: QuickSender 1.05
MIME-Version: 1.0
Content-Type: text/html; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tapir.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <james2000@etang.com>
Received: from localhost.com ([61.174.203.252]) by lists.tapir.org with SMTP (Lyris Server version 3.0); Sat, 31 Aug 2002 22:05:36 -0500
From: james2000@etang.com
Reply-To: james2000@etang.com
To: leave-aprsnews-839e@lists.tapir.org
Date: Sun, 1 Sep 2002 10:24:52 +0800
Subject: ADV: Harvest lots of E-mail addresses quickly !
X-Mailer: QuickSender 1.05
MIME-Version: 1.0
Content-Type: text/html; charset="us-ascii"

Content-Transfer-Encoding: quoted-printable

Dear leave-aprsnews-839e =2C

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=3CTABLE border=3D0 cellPadding=3D0 cellSpacing=3D0 width=3D475=3E
=3CTBODY=3E
=3CTR=3E
=3CTD align=3Dmiddle
vAlign=3Dtop=3E=3C=2FTD=3E=3C=2FTR=3E=3C=2FTBODY=3E=3C=2FTABLE=3E=3CBR=3E
=3CTABLE=3E
=3CTBODY=3E
=3CTR=3E
=3CTD width=3D=225%=22=3E=3C=2FTD=3E
=3CTD bgColor=3D#b8ecff borderColor=3D#0000ff width=3D=2290%=22=3E=3CFONT
color=3D#ff0000
face=3D=22Arial Black=22

size=3D6=3E =3B =3B =3B =3B =3B =3B =3B =3B =3B =3B =3B
B =3B Want

To Harvest A Lot Of Email =3B =3B Addresses In A Very Short
Time=3F=3C=2FFONT=3E

=3CP=3E=3CB=3E=3CFONT color=3D#0000ff face=3DArial size=3D4=3EEasy Email
Searcher=3C=2FFONT=3E=3CFONT color=3D#ff00ff face=3DArial

size=3D4=3E =3B is =3B

a =3B powerful =3B Email =3B software =3B =3B
that =3B

harvests general Email lists from mail servers =3B =3B

=3C=2FFONT=3E=3CFONT

color=3D#0000ff face=3DArial size=3D4=3EEasy Email Searcher

=3C=2FFONT=3E=3CFONT

color=3D#ff00ff face=3DArial size=3D4=3Ecan get 100=2C000

Email=3C=2FFONT=3E=3C=2FB=3E =3CFONT

color=3D#ff00ff face=3DArial size=3D4=3E=3CB=3Eaddresses directly from the
Email

servers in only one hour! =3B=3C=2FB=3E=3C=2FFONT=3E=3C=2FP=3E

=3CUL=3E

=3CLI=3E=3CFONT face=3DArial size=3D2=3E=3CB=3E=3CFONT

color=3D#0000ff=3EEasy Email

Searcher=3C=2FFONT=3E=3C=2FB=3E is a 32 bit Windows Program for e-mail
marketing=2E It

is intended for easy and convenient search large e-mail address lists
from mail servers=2E The program can be operated on Windows

95=2F98=2FME=2F2000

and NT=2E=3C=2FFONT=3E

=3CLI=3E=3CFONT face=3DArial size=3D2=3E=3CB=3E=3CFONT

color=3D#0000ff=3EEasy Email

Searcher=3C=2FFONT=3E =3C=2FB=3Esupport multi-threads =28up to 512

```
connections=29=2E=3C=2FFONT=3E  
=3CLI=3E=3CFONT face=3DArial size=3D2=3E=3CB=3E=3CFONT  
color=3D#0000ff=3EEasy Email  
Searcher=3C=2FFONT=3E=3C=2FB=3E has the ability&nbsp;=3B to reconnect to  
the mail  
server if the server has disconnected and continue the searching at the  
point where it has been interrupted=2E=3C=2FFONT=3E  
=3CLI=3E=3CFONT face=3DArial size=3D2=3E=3CB=3E=3CFONT  
color=3D#0000ff=3EEasy Email  
Searcher=3C=2FFONT=3E=3C=2FB=3E has an ergonomic interface that is easy to  
set up  
and simple to use=2E=3C=2FFONT=3E =3C=2FLI=3E=3C=2FUL=3E  
=3CP=3E=A1=A1=3CB=3E=3CFONT color=3D#0000ff face=3DArial=3EEasy Email  
Searcher is an email  
address searcher and bulk e-mail sender=2E It can verify more than 5500  
email addresses per minute at only 56Kbps speed=2E It even allows you send  
email to valid email address while searching=2E You can save the searching  
progress and load it to resume work at your convenience=2E All you need to  
do is just input an email address=2C and press the =22Search=22  
button=2E=3C=2FFONT=3E=3C=2FB=3E=3C=2FP=3E  
=3CP=3E=3CB=3E=3CFONT color=3D#0000ff  
face=3DArial=3E=3CBR=3E=3C=2FFONT=3E=3CFONT color=3D#ff0000 face=3DArial  
size=3D4=3E=3CI=3EClick The Following Link To  
Download The Demo =3A=3C=2FI=3E=3C=2FFONT=3E=3C=2FB=3E=3C=2FP=3E  
=3CP=3E=3CB=3E=3CFONT color=3D#ff0000 face=3DArial size=3D4=3E=3CA  
  
href=3D=22http=3A=2F=2Fwww=2Ewldinfo=2Ecom=2Fdownload=2Femail=2Fnewees=2Ezip=22=3E  
Download Site  
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For More Information About&nbsp;=3B This Program  
=29=3C=2FFONT=3E=3C=2FB=3E=3C=2FP=3E  
=3CP=3E=3CB=3E=3CFONT color=3D#ff0000 face=3DArial size=3D4=3E=3CA  
  
href=3D=22http=3A=2F=2Fbestsoft=2E3322=2Eorg=2Fonlinedown=2Fnewees=2Ezip=22=3EDown  
load Site  
  
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face=3DArial  
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size=3D1=3E=3CB=3EDisclaimer=3A=3C=2FB=3E=3CBR=3EWe are strongly against
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From tobaccodemon@terra.es Sat Sep 7 13:28:57 2002
Received: from linux.local ([213.9.250.213])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id NAA19314
for <lyris.aprsnews@tapr.org>; Sat, 7 Sep 2002 13:28:54 -0500 (CDT)
Message-Id: <200209071828.NAA19314@tapr.org>
Received: (qmail 22224 invoked from network); 7 Sep 2002 15:43:40 -0000
Received: from unknown (HELO h) (192.168.0.2)
by linux.local with SMTP; 7 Sep 2002 15:43:40 -0000
From: "Sales Department" <tobaccodemon@terra.es>
Subject: Half Price Cigarettes and Tobacco
To: lyris.aprsnews@tapr.org
Sender: Sales Department <tobaccodemon@terra.es>
Reply-To: tobaccodemon@terra.es
Date: Sat, 7 Sep 2002 17:49:41 +0200
X-Priority: 3
X-Library: Indy 8.0.25

Dear Sir or Madam

In the past you have requested information on discounted products. We hope that you find this of interest. If you are not a smoker, and find this email offensive, we sincerely apologise! We will be only too happy to take you off our mailing list.

If you are a smoker, however, and are fed up with paying high prices for your cigarettes and tobacco, take a look at what we have to offer by clicking on this link.

<http://www.smokersunited.co.uk/?S=24&ID=2>

We can send you, legally, by registered air mail, direct to your door, 4 cartons of cigarettes or 40 pouches of rolling tobacco (all brands are available) from only 170 Euros - about 105 pounds - fully inclusive of postage and packing. Why pay more?

To remove yourself from our mailing list, please click below
<mailto:smokersclub@terra.es>

Yours faithfully.

Smokers United

<http://www.smokersunited.co.uk/?S=24&ID=2>

xay1y

From bounce-aprsnews-839@lists.tapr.org Sun Sep 8 10:13:38 2002
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id KAA14730
for <lyris.aprsnews@tapr.org>; Sun, 8 Sep 2002 10:13:38 -0500 (CDT)

Message-Id: <LYR839-97665-2002.09.08-10.54.09--
lyris.aprsnews#tapr.org@lists.tapr.org>
X-Sender: pe1dnn@pop.hetnet.nl
Date: Thu, 05 Sep 2002 23:13:46 +0200
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: Henk de Groot <henk.de.groot@hetnet.nl>
Subject: [aprsnews] New Pocket APRS map for Greece!
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <5.1.0.14.2.20020905225551.00a3e5a0@pop.hetnet.nl>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Hello All,

For your information.

This a new PocketAPRS map, this time for Greece. This map is also usable with APRS/CE, Xastir, MacAPRS and WinAPRS.

Just like the previous map for Scandinavia, this map is also a map that I should have done much earlier, but okay, here it is. We spend our honeymoon on the isle Crete, which is also located on this map (just like Rhodes and the western part of Turkey). I know there are a lot of APRS users in Greece and I hope this map will be usefull for them. Like the other european maps, this map is also based on the WinAPRS maps found at aprs.rutgers.edu.

You can find the new maps, with other maps, on:

<http://www.homepages.hetnet.nl/~pe1dnn/>

or

<http://home.hetnet.nl/~pe1dnn/>

(You may have to reload the map if you have a cached copy).

Kind regards,

Henk.

You are currently subscribed to aprsnews as: lyris.aprsnews@tapr.org
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wallou@tapr.org

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From davidoyi@hotmail.com Mon Sep 16 01:08:22 2002
Received: from winxp1 ([195.166.226.94])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id BAA00672
for <lyris.aprsnews@tapr.org>; Mon, 16 Sep 2002 01:07:52 -0500 (CDT)
Message-Id: <200209160607.BAA00672@tapr.org>
From: "davidoyi" <davidoyi@hotmail.com>
To: "lyris.aprsnews" <lyris.aprsnews@tapr.org>
Subject: private
Date: Mon, 16 Sep 02 07:01:34 Greenwich Standard Time
MIME-Version: 1.0
Content-Type: multipart/mixed;boundary= "----"

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From bounce-message-839@lists.tappr.org Mon Sep 16 01:11:55 2002
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id BAA00997
for <lyris.aprsnews@tappr.org>; Mon, 16 Sep 2002 01:11:54 -0500 (CDT)
Message-Id: <LYR839-98857-2002.09.16-01.52.52--
lyris.aprsnews#tappr.org@lists.tappr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tappr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tappr.org>
To: lyris.aprsnews@tappr.org
Subject: Your confirmation is needed (ok 839)
Date: Mon, 16 Sep 2002 01:52:52 -0500

Your email address 'lyris.aprsnews@tappr.org' has been submitted to be
unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be
unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that
the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tappr.org

You will receive notification that your confirmation has been received, and
that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the
mailing list.

Return-Path: <davidoyi@hotmail.com>
Received: from ([195.166.226.94]) by lists.tappr.org with SMTP (Lyris Server
version 3.0); Mon, 16 Sep 2002 01:52:08 -0500
From: "davidoyi" <davidoyi@hotmail.com>
To: aprsnews-request
Subject:
Date: Mon, 16 Sep 02 07:01:34 Greenwich Standard Time
MIME-Version: 1.0
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From davidoyi@hotmail.com Mon Sep 16 18:47:07 2002
Received: from mx2.mail.twtelecom.net (mx2.mail.twtelecom.net [168.215.210.54])
by tapr.org (8.9.3/8.9.3/1.13) with ESMTP id SAA02591
for <lyris.aprsnews@tapr.org>; Mon, 16 Sep 2002 18:47:06 -0500 (CDT)
Received: from winxp1 (unknown [195.166.226.140])
by mx2.mail.twtelecom.net (Postfix) with SMTP id CAB2AA81C
for <lyris.aprsnews@tapr.org>; Mon, 16 Sep 2002 18:46:53 -0500 (CDT)
From: "davidoyi" <davidoyi@hotmail.com>
To: "lyris.aprsnews" <lyris.aprsnews@tapr.org>
Subject: private
Date: Tue, 17 Sep 02 00:44:02 Greenwich Standard Time
MIME-Version: 1.0
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by tappr.org (8.9.3/8.9.3/1.13) with SMTP id SAA02623
for <lyris.aprsnews@tappr.org>; Mon, 16 Sep 2002 18:47:40 -0500 (CDT)
Message-Id: <LYR839-98958-2002.09.16-19.28.45--
lyris.aprsnews#tappr.org@lists.tappr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tappr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tappr.org>
To: lyris.aprsnews@tappr.org
Subject: Your confirmation is needed (ok 839)
Date: Mon, 16 Sep 2002 19:28:45 -0500

Your email address 'lyris.aprsnews@tappr.org' has been submitted to be
unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be
unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that
the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tappr.org

You will receive notification that your confirmation has been received, and
that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the
mailing list.

Return-Path: <davidoyi@hotmail.com>
Received: from ([195.166.226.140]) by lists.tappr.org with SMTP (Lyris Server
version 3.0); Mon, 16 Sep 2002 19:28:34 -0500
From: "davidoyi" <davidoyi@hotmail.com>
To: aprsnews-request
Subject:
Date: Tue, 17 Sep 02 00:44:02 Greenwich Standard Time
MIME-Version: 1.0
Content-Type: multipart/mixed;boundary= "----=_NextPart_000_0038_7C6AA6B0.5BD2932"
X-Priority: 3
X-MSMail-Priority: Normal
X-Mailer: Microsoft Outlook Express 6.00.2462.0000
X-MimeOLE: Produced By Microsoft MimeOLE V6.00.2462.0000

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tappr.org confirm

mailing list.

Return-Path: <anonymous@mailman.xlresponder.com>
Received: from mailman.xlresponder.com ([217.18.64.76]) by lists.tapir.org with SMTP (Lyris Server version 3.0); Sat, 28 Sep 2002 20:33:09 -0500
Received: (qmail 39343 invoked by uid 10001); 29 Sep 2002 00:05:34 -0000
Date: 29 Sep 2002 00:05:34 -0000
Message-ID: <20020929000534.39342.qmail@mailman.xlresponder.com>
To: aprsnews-request
From: truedreammaker2002@yahoo.com
Content-Type: text/plain; charset=us-ascii
Subject:
X-Header: Reply-To: truedreammaker2002@yahoo.com
X-Loop-Prevention: 1

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tapir.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <anonymous@mailman.xlresponder.com>
Received: from mailman.xlresponder.com ([217.18.64.76]) by lists.tapir.org with SMTP (Lyris Server version 3.0); Sat, 28 Sep 2002 20:33:09 -0500
Received: (qmail 39343 invoked by uid 10001); 29 Sep 2002 00:05:34 -0000
Date: 29 Sep 2002 00:05:34 -0000
Message-ID: <20020929000534.39342.qmail@mailman.xlresponder.com>
To: leave-aprsnews-839E@lists.tapir.org
From: truedreammaker2002@yahoo.com
Content-Type: text/plain; charset=us-ascii
Subject: Want A Bigger Penis?
X-Header: Reply-To: truedreammaker2002@yahoo.com
X-Loop-Prevention: 1

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For more information.

<http://www.albionmedical.com/pt=truedreammaker2/>

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<http://www.xlresponder.com/cgi-bin/varpro/r.cgi?id=truedreammaker2002&a=leave-aprsnews-839E@lists.tapir.org>

AOL Users

 Remove Me

From anonymous@mailman.xlresponder.com Sat Sep 28 19:59:39 2002
Received: from mailman.xlresponder.com (mailman.xlresponder.com [217.18.64.76])
by tapr.org (8.9.3/8.9.3/1.13) with ESMTP id TAA21195
for <lyris.aprsnews@tapr.org>; Sat, 28 Sep 2002 19:59:38 -0500 (CDT)
Received: (qmail 44279 invoked by uid 10001); 29 Sep 2002 00:08:13 -0000
Date: 29 Sep 2002 00:08:13 -0000
Message-ID: <20020929000813.44278.qmail@mailman.xlresponder.com>
To: lyris.aprsnews@tapr.org
From: truedreammaker2002@yahoo.com
Content-Type: text/plain; charset=us-ascii
Subject: Want A Bigger Penis?
X-Header: Reply-To: truedreammaker2002@yahoo.com
X-Loop-Prevention: 1

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pills ever!!

For more information.

<http://www.albionmedical.com/pt=truedreammaker2/>

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id=truedreammaker2002&a=lyris.aprsnews@tapr.org](http://www.xlresponder.com/cgi-bin/varpro/r.cgi?id=truedreammaker2002&a=lyris.aprsnews@tapr.org)

AOL Users

[http://www.xlresponder.com/cgi-bin/varpro/r.cgi?
id=truedreammaker2002&a=lyris.aprsnews@tapr.org](http://www.xlresponder.com/cgi-bin/varpro/r.cgi?id=truedreammaker2002&a=lyris.aprsnews@tapr.org) Remove Me

From sarah_benson@nomoreaccent.com Sun Sep 29 17:00:13 2002
Received: from mx2.mail.twtelecom.net (mx2.mail.twtelecom.net [168.215.210.54])
by tapr.org (8.9.3/8.9.3/1.13) with ESMTP id RAA04766;
Sun, 29 Sep 2002 17:00:12 -0500 (CDT)
Received: from 58.59.53.29 (24-148-36-246.na.21stcentury.net [24.148.36.246])
by mx2.mail.twtelecom.net (Postfix) with SMTP
id 0E5ABAAB5; Sun, 29 Sep 2002 17:00:07 -0500 (CDT)
From: Sarah Benson <sarah_benson@nomoreaccent.com>
Reply-To: sarah_benson@nomoreaccent.com
Subject: Q: DOES YOUR FOREIGN ACCENT SIMPLY GET IN THE WAY?
Date: Sun, 29 Sep 2002 16:59:58 -0500
MIME-Version: 1.0
Content-Type: multipart/mixed; boundary="8e9e7f35-7149-4a3c-94c9-56a3675415cf"
Message-Id: <20020929220007.0E5ABAAB5@mx2.mail.twtelecom.net>
To: undisclosed-recipients;;

This is a multi-part message in MIME format

--8e9e7f35-7149-4a3c-94c9-56a3675415cf

Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: quoted-printable

Q: " Would you like to Lose Your Accent ? "

- DO YOU FIND OTHERS HAVE A HARD TIME UNDERSTANDING WHAT YOU ARE TRYING TO =
CONVEY?

- DO YOU FIND THE NEED TO REPEAT YOURSELF FOR OTHERS TO UNDERSTAND YOU =
CLEARLY?

- DO YOU FEEL EMBARRASSED OR LESS CONFIDENT WHEN TALKING TO WORK COLLEAGUES?

- DO YOU WISH TO COMMUNICATE YOUR THOUGHTS MORE EFFECTIVELY?

- DOES YOUR FOREIGN ACCENT SIMPLY GET IN THE WAY?

Introducing the Krieger Method, an innovative teaching system, designed to =
help you develop effective communication skills.

Andy Krieger, inventor of this miracle product, originated this revolutionary =
idea whilst working with actors and their accents within the Hollywood film =
industry.

Contact us to learn about the true benefits you can obtain to communicate =
with confidence!!

"Make your accent simply disappear!"

For Accent Reduction Empowerment, visit us on the web today at :-

www.nomoreaccent.com

Thank you for your time and interest...

Sarah J. Benson
Marketing Co-ordinator

If you feel this is email is not of interest to you, then we sincerely =
apologize and guarantee you will not receive another email from us, unless =
you otherwise wish.

--8e9e7f35-7149-4a3c-94c9-56a3675415cf--

From bounce-aprsnews-839@lists.tappr.org Wed Oct 2 17:42:57 2002
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id RAA03121
for <lyris.aprsnews@tappr.org>; Wed, 2 Oct 2002 17:42:55 -0500 (CDT)
User-Agent: Microsoft-Entourage/10.1.0.2006
Date: Wed, 02 Oct 2002 18:41:05 -0400
Subject: [aprsnews] Write
From: Stan Horzepa <stanzepa@earthlink.net>
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Message-ID: <LYR839-101403-2002.10.02-18.24.26--
lyris.aprsnews#tappr.org@lists.tappr.org>
Mime-version: 1.0
Content-type: text/plain; charset="ISO-8859-1"
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
X-Message-Id: <B9C0EE41.8467%stanzepa@earthlink.net>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk
Content-Transfer-Encoding: 8bit
X-MIME-Autoconverted: from quoted-printable to 8bit by tappr.org id RAA03121

TAPR members:

Here is your chance to become rich and famous! Well, maybe not rich, but certainly famous.

The editorial board of Packet Status Register (PSR, TAPR's quarterly newsletter) is now soliciting articles, news items, etc. for the next issue of the newsletter. Topics related to digital Amateur Radio will be given preference and the editorial board reserves the right to determine what is suitable for publication.

E-mail your contributions to wallou@tappr.org ASAP because the deadline for the next issue of the newsletter is October 24.

73,

Stan Horzepa, WA1LOU, PSR Editor

You are currently subscribed to aprsnews as: lyris.aprsnews@tappr.org
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tappr.org
Questions regarding the SIG go to the SIG administrator: wallou@tappr.org

From bounce-message-839@lists.tappr.org Fri Oct 4 06:26:18 2002
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id GAA19602
for <lyris.aprsnews@tappr.org>; Fri, 4 Oct 2002 06:26:17 -0500 (CDT)
Message-Id: <LYR839-101679-2002.10.04-07.08.09--
lyris.aprsnews#tappr.org@lists.tappr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tappr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tappr.org>
To: lyris.aprsnews@tappr.org
Subject: Your confirmation is needed (ok 839)
Date: Fri, 04 Oct 2002 07:08:09 -0500

Your email address 'lyris.aprsnews@tappr.org' has been submitted to be
unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be
unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that
the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tappr.org

You will receive notification that your confirmation has been received, and
that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the
mailing list.

Return-Path: <sony2000@email.com>
Received: from localhost.com ([61.174.204.142]) by lists.tappr.org with SMTP (Lyris
Server version 3.0); Fri, 04 Oct 2002 07:08:04 -0500
From: sony2000@email.com
Reply-To: sony2000@email.com
To: aprsnews-request
Date: Fri, 4 Oct 2002 19:25:25 +0800
Subject:
X-Mailer: QuickSender 1.05
MIME-Version: 1.0
Content-Type: text/html; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

Mail sent to leave-aprsnews-839e was converted to these commands:

unsubscribe aprsnews lyris.aprsnews@tapr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <sony2000@email.com>
Received: from localhost.com ([61.174.204.142]) by lists.tapr.org with SMTP (Lyris
Server version 3.0); Fri, 04 Oct 2002 07:08:04 -0500
From: sony2000@email.com
Reply-To: sony2000@email.com
To: leave-aprsnews-839e@lists.tapr.org
Date: Fri, 4 Oct 2002 19:25:25 +0800
Subject: ADV: Harvest lots of Targeted Email addresses
quickly 2002-10-4 19:25:25
X-Mailer: QuickSender 1.05
MIME-Version: 1.0
Content-Type: text/html; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

Dear leave-aprsnews-839e =2C

=3Cbody onload=3D=22window=2Eopen=28'http=3A=2F=2Fwww=2Ewldinfo=2Ecom=2F'=29=3B=22
onunload=3D=22window=2Eopen=28'http=3A=2F=2Fwww=2Ewldinfo=2Ecom=2F'=29=22=3E
=3CBODY bgcolor=3D#ffccff=3E
=3CTABLE border=3D0 cellpadding=3D0 cellspacing=3D0 width=3D475=3E
=3CTBODY=3E
=3CTR=3E
=3CTD align=3Dmiddle valign=3Dtop=3E
=3CDIV=3E =3B=3C=2FDIV=3E

=3CDIV=3E =3B=3C=2FDIV=3E=3C=2FTD=3E=3C=2FTR=3E=3C=2FTBODY=3E=3C=2FTABLE=3E=3C
BR=3E
=3CTABLE=3E
=3CTBODY=3E
=3CTR=3E
=3CTD width=3D=225%=22=3E=3C=2FTD=3E
=3CTD bgcolor=3D#b8ecff bordercolor=3D#0000ff width=3D=2290%=22=3E=3CFONT
color=3D#ff0000
face=3D=22Arial Black=22

size=3D6=3E =3B =3B =3B =3B =3B =3B =3B =3B =3B =3B =3B
B =3B Want
To =3BHarvest A Lot Of =3CFONT color=3D#0000ff=3ETarget=3CFONT
color=3D#ff0080=3Eed=3C=2FFONT=3E=3C=2FFONT=3E=3CFONT
color=3D#ff0000=3E =3B Email =3B =3B
Addresses In A Very Short Time=3F=3C=2FFONT=3E=3C=2FFONT=3E
=3CP=3E=3CB=3E=3CFONT size=3D4=3E=3C=2FFONT=3E=3CFONT face=3DArial=3E=3CFONT
color=3D#ff00ff

```
size=3D4=3E=3CFONT color=3D#0000ff=3ETarget Email Extractor  
=3C=2FFONT=3Eis&nbsp;=3B a&nbsp;=3B  
powerful&nbsp;=3B Email&nbsp;=3B Program that&nbsp;=3B harvests Targeted Email  
Addresses from search engines=2C any specified starting URLs =2C including  
cgi  
=2C asp pages etc=2E=3C=2FFONT=3E=3C=2FFONT=3E=3C=2FB=3E=3C=2FP=3E  
=3CP=3E=3CFONT color=3D#000000 face=3DArial size=3D2=3E=3CFONT face=3DArial  
size=3D3=3E&nbsp;=3B It  
Quickly and automatically search and spider from search engine=2C any  
specified starting URLs to find and extract e-mail  
addresses=3CBR=3E=3C=2FFONT=3E=3C=2FP=3E  
=3CLI=3E=3CFONT face=3DArial size=3D3=3EPowerful targeting ability=2E Only  
extract the  
specific email addresses that directly related to your  
business=2E=3CBR=3E=3C=2FFONT=3E  
=3CLI=3E=3CFONT face=3DArial size=3D3=3EIntegrated with 18 top popular  
search engines=3A  
Yahoo=2C Google=2C MSN=2C AOL=3CBR=3E=3C=2FFONT=3E  
=3CLI=3E=3CFONT face=3DArial size=3D3=3EFast Search Ability=2E Nearly can  
find thousands  
of e-mail addresses in an hour=2C allowing up to 500 simultaneous search  
threads!=3CBR=3E=3C=2FFONT=3E  
=3CLI=3E=3CFONT face=3DArial size=3D3=3EHelpful for anyone for internet  
Email  
marketing purposes=2E=3CBR=3E=3C=2FFONT=3E  
=3CLI=3E=3CFONT face=3DArial size=3D3=3EFree version  
updates=3C=2FFONT=3E=2E=3CBR=3E=3CBR=3E=3C=2FFONT=3E=3CFONT color=3D#ff0000  
face=3DArial  
size=3D4=3E=3CI=3E=3CSTRONG=3EClick The Following Link To Download This  
Program=3A=3C=2FSTRONG=3E=3C=2FI=3E=3C=2FFONT=3E  
=3CP=3E=3CFONT face=3DArial=3E=3CFONT color=3D#ff0000 size=3D4=3E=3CA  
  
href=3D=22http=3A=2F=2Fwww=2Ewldinfo=2Ecom=2Fdownload=2Femail=2FESE=2Ezip=22=3E=3C  
STRONG=3EDownload Site  
1=3C=2FSTRONG=3E=3C=2FA=3E=3CFONT color=3D#000000  
size=3D3=3E&nbsp;=3B&nbsp;=3B&nbsp;=3B =3CSTRONG=3E=28 OR  
you can send Email to&nbsp;=3B&nbsp;=3B=3CFONT color=3D#ff0080  
size=3D4=3E130=4095951=2Ecom&nbsp;=3B&nbsp;=3B=3C=2FFONT=3Eto get this program  
=29=3C=2FSTRONG=3E=3C=2FFONT=3E=3C=2FFONT=3E=3C=2FFONT=3E=3C=2FP=3E  
=3CP=3E=3CFONT face=3DArial=3E=3CSTRONG=3E=3CFONT size=3D4=3E=3CA  
  
href=3D=22http=3A=2F=2Fbestsoft=2E3322=2Eorg=2Fonlinedown=2FESE=2Ezip=22=3EDownloa  
d Site  
  
2=3C=2FA=3E&nbsp;=3B&nbsp;=3B&nbsp;=3B&nbsp;=3B&nbsp;=3B&nbsp;=3B&nbsp;=3B&nbsp;=3B&nbsp;=3B&nbsp;=3B&nbsp;=3B&nbsp;=3B&nbsp;=3B  
B&nbsp;=3B&nbsp;=3B  
=3C=2FFONT=3E=3CFONT color=3D#0000a0=3EIf&nbsp;=3B you can not download this  
program
```

=2C =3B please copy the following link into your URL =2C and then click
=22
Enter=22 on your Computer
Keyboard=2E=3C=2FFONT=3E=3C=2FSTRONG=3E=3C=2FFONT=3E=3C=2FP=3E
=3CP=3E=3CFONT size=3D2=3E=3CFONT color=3D#0000a0 face=3DArial
size=3D3=3E=3CSTRONG=3EHere is the
download links=3A=3C=2FSTRONG=3E=3C=2FFONT=3E=3C=2FP=3E
=3CDIV=3E
=3CP=3Ehttp=3A=2F=2Fwww=2Ewldinfo=2Ecom=2Fdownload=2Femail=2FESE=2Ezip=3C=2FP=3E
=3CP=3Ehttp=3A=2F=2Fbestsoft=2E3322=2Eorg=2Fonlinedown=2FESE=2Ezip=3C=2FP=3E=3C=2F
FONT=3E=3C=2FDIV=3E
=3CP=3E=3C=2FP=3E=3C=2FLI=3E=3C=2FTD=3E
=3CTD width=3D=225%=22=3E=3C=2FTD=3E=3C=2FTR=3E
=3CTR=3E
=3CTD width=3D=225%=22=3E=3C=2FTD=3E
=3CTD bgColor=3D#0f95de width=3D=2290%=22=3E=3CFONT color=3D#ffffff
face=3D=22Verdana=2C Tahoma=2C Helvetica=2C SansSerif=22
size=3D1=3E=3CB=3EDisclaimer=3A=3C=2FB=3E=3CBR=3EWe are strongly against
continuously sending
unsolicited emails to those who do not wish to receive our special
mailings=2E We have attained the services of an independent 3rd party to
overlook list management and removal services=2E This is not unsolicited
email=2E If you do not wish to receive further mailings=2C please click this
link =3CA href=3D=22 http=3A=2F=2Fwww=2Eautoemailremoval=2Ecom=2Fcgi-
bin=2Fremove=2Epl =22
target=3D=5Fblank=3E=3CFONT
color=3D#fdd32a=3E=3CB=3Ehttp=3A=2F=2Fwww=2Eautoemailremoval=2Ecom=2Fcgi-
bin=2Fremove=2Epl
=3C=2FB=3E=3C=2FFONT=3E=3C=2FA=3E=2E Auto Email Removal Company=2E Ref#
01222263545=3C=2FFONT=3E=3CB=3E=3CFONT class=3Dddisclaimer color=3D#000080
face=3DArial=3E=3CBR=3EThis message is a commercial advertisement=2E It is
compliant
with all federal and state laws regarding email messages including the
California Business and Professions Code=2E We have provided the subject
line =22ADV=22 to provide you notification that this is a commercial
advertisement for persons over 18yrs
old=2E=3C=2FFONT=3E=3C=2FB=3E=3C=2FTD=3E
=3CTD width=3D=225%=22=3E=3C=2FTD=3E=3C=2FTR=3E=3C=2FTBODY=3E=3C=2FTABLE=3E
=3CSTYLE=3E=3C=2FSTYLE=3E
=3CBR=3E=3CA href=3D=22=22=3E=3C=2FA=3E=3CA
href=3D=22=22=3E=3C=2FA=3E=3C=2FBODY=3E

From bounce-aprsnews-839@lists.tapr.org Wed Oct 9 20:12:41 2002

Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id UAA24722
for <lyris.aprsnews@tappr.org>; Wed, 9 Oct 2002 20:12:40 -0500 (CDT)
Message-ID: <LYR839-102311-2002.10.09-20.54.50--
lyris.aprsnews#tappr.org@lists.tappr.org>
Date: Wed, 09 Oct 2002 21:07:57 -0400
From: Alex <kr1st@amsat.org>
Reply-To: kr1st@amsat.org
X-Accept-Language: en
MIME-Version: 1.0
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Subject: [aprsnews] Maps of Canada for Cybiko UI Messenger
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tappr.org>>
X-Message-Id: <3DA4D2ED.12795A1D@amsat.org>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

Hi there,

Eric Dussault, VE2TSO, generously donated the maps of Canada he made for the Cybiko software, UI Messenger. You can download them from my web site at <http://www.kr1st.com>

Thank you, Eric!

73,
--Alex (KR1ST)

You are currently subscribed to aprsnews as: lyris.aprsnews@tappr.org
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tappr.org
Questions regarding the SIG go to the SIG administrator: wallou@tappr.org

From bounce-aprsnews-839@lists.tappr.org Fri Oct 18 08:44:28 2002
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id IAA15565
for <lyris.aprsnews@tappr.org>; Fri, 18 Oct 2002 08:44:24 -0500 (CDT)
Date: Fri, 18 Oct 2002 09:32:42 -0400 (EDT)
From: Bob Bruninga <bruninga@usna.edu>
X-X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tappr.org>

cc: aprsnews@lists.tappr.org
Subject: [aprsnews] Location Queries
Message-ID: <LYR839-103381-2002.10.18-09.26.52--
lyris.aprsnews#tappr.org@lists.tappr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
X-Virus-Scanned: by amavisd-milter (<http://amavis.org/>)
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tappr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tappr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tappr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tappr.org>>
X-Message-Id: <Pine.GS0.4.44.0210180918130.24080-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

NEW IDEA!

How about we implement a GENERAL HEARD QUERY that works as follows:

Sending station sends ?APRSH?cccccc

And every station within range that has heard station cccccc DIRECT
responds (with a random 1 minute time delay) with the normal response to
a directed APRSH query. (no report if not heard direct).

Then the SENDING station's APRS can simply plot the PHG's of responding
stations and color them solid to show the area in which the missing
station can be found. Brighter colors for more packets and most recently
heard...

The multicolor PHG plots would use a similar scale of colors that
APRSdos uses (for example) to show signal strength contours in omni-dfing.
Thus the location of the largest number of stations that heard the
missing station the most recently would be bright red and those that
havent heard him for a while would be more and more dark and gray....

Hummh...

de WB4APR@amsat.org, Bob

PCsat WEB page	http://www.ew.usna.edu/~bruninga/pcsat.html
ISS-APRS FAQ:	http://www.ew.usna.edu/~bruninga/iss-faq.html
CUBESAT Designs	http://www.ew.usna.edu/~bruninga/cubesat.html
APRS LIVE pages	http://www.ew.usna.edu/~bruninga/aprs.html
APRS SATELLITES	http://www.ew.usna.edu/~bruninga/astars.html
MIM/Mic-E/Mic-Lite	http://www.toad.net/~wclement/bruninga/mic-lite.html

You are currently subscribed to aprsnews as: lyris.aprsnews@tapr.org
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wallou@tapr.org

From Subscriber_Services78048@cac.net Mon Oct 21 12:23:44 2002
Received: from 61.40.239.9 ([210.96.145.249])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id MAA11181
for <lyris.aprsnews@tapr.org>; Mon, 21 Oct 2002 12:23:41 -0500 (CDT)
Message-Id: <200210211723.MAA11181@tapr.org>
Received: from rly-xl05.mx.aol.com ([147.119.50.98]) by smtp4.cyberec.com with
NNFMP; Oct, 21 2002 12:00:43 PM -0700
Received: from 131.159.235.104 ([131.159.235.104]) by rly-yk05.mx.aol.com with
local; Oct, 21 2002 11:25:49 AM -0800
Received: from 152.74.145.157 ([152.74.145.157]) by hd.regsoft.net with esmtp;
Oct, 21 2002 10:09:52 AM +0600
From: "WALL STREET BULLETIN..46740" <Subscriber_Services78048@cac.net>
To: lyris.aprsnews@tapr.org
Cc:
Subject: New Stock Pick: NNCO UP
112%..... dok
Sender: "WALL STREET BULLETIN..46740" <Subscriber_Services78048@cac.net>
Mime-Version: 1.0
Content-Type: text/html; charset="iso-8859-1"
Date: Mon, 21 Oct 2002 12:26:13 -0500
X-Mailer: Microsoft Outlook Express 5.00.2615.200
X-Priority: 1

```
<html>
<head>
</head>
<body>
<p align="center"><font style="font-size: 11pt" face="Courier">NEW ISSUE - Volume
6, Issue 37 - October 2002</font></p>
<p align="center"><b><a href="http://www.globalwebcollective.net/
New_Issue.htm">CLICK HERE</a></b></p>
<p align="center"></p>
<p align="left">&nbsp;</p>
<p align="left">&nbsp;</p>
<p align="center"><font size="2">I no longer wish to receive your newsletter <a
href="mailto:nothanks@globalwebcollective.net?subject=takeoff"><b>click here</b></
a></font></p>
</body>
</html>
```

vfmpgsrytegpduxsiigtocadivsnpncedmtywu

From Subscriber_Services78042@cari.net Wed Oct 23 10:14:57 2002
Received: from 211.251.201.62 ([211.251.201.62])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id KAA09483
for <lyris.aprsnews@tapr.org>; Wed, 23 Oct 2002 10:14:55 -0500 (CDT)
Message-Id: <200210231514.KAA09483@tapr.org>
Received: from ssymail.ssy.co.kr ([113.236.31.212]) by a231242.upc-a.chello.nl
with local; Oct, 23 2002 10:03:07 AM +0400
Received: from 157.139.128.128 ([157.139.128.128]) by mta6.snfc21.pbi.net with
smtp; Oct, 23 2002 9:14:14 AM +0400
Received: from 82.60.152.190 ([82.60.152.190]) by smtp4.cyberec.com with QMQP;
Oct, 23 2002 8:15:17 AM +0400
From: "WALL STREET BULLETIN..46507" <Subscriber_Services78042@cari.net>
To: Subscriber.Acct.#99701@tapr.org
Cc:
Subject: NEW STOCK PICK: PRCT - LAST PICK UP 233%,
NNCO.....

..... iyje
Sender: "WALL STREET BULLETIN..46507" <Subscriber_Services78042@cari.net>
Mime-Version: 1.0
Content-Type: text/html; charset="iso-8859-1"
Date: Wed, 23 Oct 2002 10:17:34 -0500
X-Mailer: Internet Mail Service (5.5.2650.21)
X-Priority: 1

<html>
<head>
</head>
<body>
<p align="center">Did you miss out on
NNCO, UP 233% IN JUST 2 DAYS?</p>
<p align="center">If so, Here's
another pick - Another Short Play</p>
<p align="center"><a href="http://www.globalwebcollective.net/
Wall_Street_Bulletin.htm">CLICK HERE</p>
<p align="center"></p>
<p align="left"> </p>
<p align="left"> </p>
<p align="center">I no longer wish to receive your newsletter click here</
font></p>
</body>
</html>

htrrpbeexkwpcgsqoxdwxu

From Subscriber_Services78039@aol.com Wed Oct 23 10:54:01 2002

Received: from 200.73.132.15 ([200.73.132.15])

by tapr.org (8.9.3/8.9.3/1.13) with SMTP id KAA10885

for <lyris.aprsnews@tapr.org>; Wed, 23 Oct 2002 10:53:57 -0500 (CDT)

Message-Id: <200210231553.KAA10885@tapr.org>

Received: from [190.198.219.49] by a231242.upc-a.chello.nl with QMQP; Oct, 23 2002 10:39:09 AM -0800

Received: from [48.211.102.224] by rly-xl05.mx.aol.com with local; Oct, 23 2002 9:43:06 AM +0400

Received: from unknown (19.150.51.145) by n9.groups.yahoo.com with esmtp; Oct, 23 2002 8:47:27 AM +0700

Received: from unknown (153.188.246.130) by m10.grp.snv.yahoo.com with local; Oct, 23 2002 7:32:16 AM +1100

From: "WALL STREET BULLETIN..46252" <Subscriber_Services78039@aol.com>

To: Subscriber.Acct.#99807@tapr.org

Cc:

Subject: NEW STOCK PICK: PRCT - LAST PICK UP 233%,

NNCO.....
..... eur

Sender: "WALL STREET BULLETIN..46252" <Subscriber_Services78039@aol.com>

Mime-Version: 1.0

Content-Type: text/html; charset="iso-8859-1"

Date: Wed, 23 Oct 2002 10:56:37 -0500

X-Mailer: Microsoft Outlook Express 5.50.4522.1200

X-Priority: 1

<html>

<head>

</head>

<body>

<p align="center">Did you miss out on NNCO, UP 233% IN JUST 2 DAYS?</p>

<p align="center">If so, Here's another pick - Another Short Play</p>

<p align="center">CLICK HERE</p>

<p align="center"></p>

<p align="left"> </p>

<p align="left"> </p>

<p align="center">I no longer wish to receive your newsletter click here</p>

</body>

</html>

dkjdcqldmkxiufevkacohbkad

From bounce-aprsnews-839@lists.tappr.org Sat Nov 2 12:20:52 2002
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id MAA05976
for <lyris.aprsnews@tappr.org>; Sat, 2 Nov 2002 12:20:44 -0600 (CST)
Subject: [aprsnews] Jfindu Updated
Date: Sat, 2 Nov 2002 11:26:15 -0600
MIME-Version: 1.0
Content-Type: text/plain;
charset="US-ASCII"
Message-ID: <LYR839-105369-2002.11.02-13.03.49--
lyris.aprsnews#tappr.org@lists.tappr.org>
X-MimeOLE: Produced By Microsoft Exchange V6.0.6249.0
content-class: urn:content-classes:message
Thread-Topic: Jfindu Updated
Thread-Index: AcKClPJj3dMHyUwtQT6enJ5NFOSlig==
From: "AE5PL Lists" <HamLists@ametxt.com>
Sender: bounce-aprsnews-839@lists.tappr.org
To: "APRS Announcements" <aprsnews@lists.tappr.org>
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tappr.org>>
X-Message-Id: <9F1E0A2562D60B43BAA4C87505322DFC0783DE@ame-main.ametxt.com>
Precedence: bulk
Content-Transfer-Encoding: 8bit
X-MIME-Autoconverted: from quoted-printable to 8bit by tappr.org id MAA05976

I have added some new capabilities to JFindu <http://jfindu.aprs-is.net>

When finding or tracking a station, you can now specify whether you want to see all SSID's of that callsign or just the requested callsign-SSID combination.

Station Find pages now sets javAPRS to track the requested station (map moves with station).

For Station Find pages or the tracking page, you can specify that you are behind a firewall which does not let you get a live feed. These pages will then have javAPRS automatically retrieve updated packets from the server on a timed interval (user set). This will give a semi-realtime display without the overhead of downloading new pages or maps.

Try the "By Station" form to see how to set up your own URL's.

Have Fun!

73,

Pete Loveall AE5PL
pete@ae5pl.net

You are currently subscribed to aprsnews as: lyris.aprsnews@tapr.org
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wallou@tapr.org

From Subscriber_Services78037@usa.net Tue Nov 5 09:36:10 2002
Received: from mx2.mail.twtelecom.net (mx2.mail.twtelecom.net [168.215.210.54])
by tapr.org (8.9.3/8.9.3/1.13) with ESMTP id JAA14183
for <lyris.aprsnews@tapr.org>; Tue, 5 Nov 2002 09:36:10 -0600 (CST)
Received: from 62.251.131.170 (unknown [211.248.147.90])
by mx2.mail.twtelecom.net (Postfix) with SMTP id 90ABCA9E6
for <lyris.aprsnews@tapr.org>; Tue, 5 Nov 2002 09:36:07 -0600 (CST)
Received: from [41.237.71.37] by f64.law4.hotmail.com with NNFP; Nov, 05 2002
9:29:06 AM -0100
Received: from [174.223.185.169] by rly-xl05.mx.aol.com with NNFP; Nov, 05 2002
8:20:14 AM +0300
Received: from [48.211.102.224] by rly-xl05.mx.aol.com with local; Nov, 05 2002
7:21:26 AM +0600
From: "WALL STREET BULLETIN..46903" <Subscriber_Services78037@usa.net>
To: Subscriber@mx2.mail.twtelecom.net, Acct.#99012@mx2.mail.twtelecom.net
Cc:
Subject: NEW STOCK PICK: NVHG - LAST PICK UP
300%.....
.....
..... vfgy
Sender: "WALL STREET BULLETIN..46903" <Subscriber_Services78037@usa.net>
Mime-Version: 1.0
Content-Type: text/html; charset="iso-8859-1"
Date: Tue, 5 Nov 2002 09:31:32 -0600
X-Mailer: Microsoft Outlook Express 5.50.4522.1200
X-Priority: 1
Message-Id: <20021105153607.90ABCA9E6@mx2.mail.twtelecom.net>

```
<html>
<head>
</head>
<body>
<p align="center"><font style="font-size: 11pt" face="Courier">Did you miss out on
PRCT, UP 300%?</font></p>
<p align="center"><font style="font-size: 11pt" face="Courier">Here's another pick
- Another Short Play</font></p>
<p align="center"><b><a href="http://
```

www.4bfif78gt5ybtftp94w786yt53ytbigiiugey9875y36tuhw.com/
Wall_Street_Bulletin.htm">CLICK HERE</p>
<p align="center"></p>
<p align="left"> </p>
<p align="left"> </p>
<p align="center">I no longer wish to receive your newsletter click here</
font></p>
</body>
</html>

ultuhoiedkisogldlymuykeqqhvbd

From bounce-aprsnews-839@lists.tapr.org Tue Nov 5 10:26:25 2002
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id KAA17002
for <lyris.aprsnews@tapr.org>; Tue, 5 Nov 2002 10:26:24 -0600 (CST)
Date: Tue, 05 Nov 2002 11:09:27 -0500
From: John Ackermann N8UR <jra@febo.com>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] New Issue of Packet Status Register Available
Message-ID: <LYR839-105726-2002.11.05-11.09.21--
lyris.aprsnews@tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit
Content-Disposition: inline
X-Spam-Status: No, hits=0.0 required=5.0 tests= version=2.20
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <11665073.1036494567@WUSJA129861-8HP.corp.ncr.com>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

The Autumn 2002 issue of TAPR's journal, the _Packet_Status_Register_, is
now available online.

You can download it, and past issues of PSR, from <http://www.tapr.org/psr>
or via FTP from <ftp://ftp.tapr.org/psr>. The issue name is "Autumn_85_2002.pdf".

73,
John N8UR

John Ackermann N8UR jra@febo.com http://www.febo.com
President, TAPR n8ur@tapr.org http://www.tapr.org

You are currently subscribed to aprsnews as: lyris.aprsnews@tapr.org
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wallou@tapr.org

From smardl@yahoo.com Mon Nov 11 18:48:46 2002
Received: from VL-MS-MR004.sc1.videotron.ca (relais.videotron.ca [24.201.245.36])
by tapr.org (8.9.3/8.9.3/1.13) with ESMTP id SAA18537
for <lyris.aprsnews@tapr.org>; Mon, 11 Nov 2002 18:48:46 -0600 (CST)
Received: from smardl@yahoo.com ([66.130.40.24])
by VL-MS-MR004.sc1.videotron.ca
(iPlanet Messaging Server 5.2 HotFix 0.9 (built Jul 29 2002))
with SMTP id <0H5F001PUUARTI@VL-MS-MR004.sc1.videotron.ca> for
lyris.aprsnews@tapr.org; Mon, 11 Nov 2002 19:49:41 -0500 (EST)
Date: Mon, 11 Nov 2002 19:48:23 -0500
From: Luc Simard <smardl@yahoo.com>
Subject: MONEY MAKING THAT WORKS!!
To: "lyris.aprsnews@tapr.org" <lyris.aprsnews@tapr.org>
Message-id: <412-220021121204823263%smardl@yahoo.com>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Hi,

Except of an error from my part, this should be the first time you receive this.
If not, please excuse me and disregard this message.

My name is Luc, and I want to share with you a MONEY
MAKING PROGRAM that really works! At first, I was
sceptical too, and was thinking that this was some kind of
joke. That one would send money and never receive anything.
But I gave it a try anyway and IT REALLY WORKS!

MAKE 50,000\$\$\$ IN LESS THAN 90 DAYS!

Thank you for your time and Interest. The following income opportunity
is one that can be started with VERY LITTLE investment and the income
return is TREMENDOUS!!!

\$

If you would like to make at least \$50,000 in less than 90 days! Please
read the enclosed program... THEN READ IT AGAIN!!!

\$

At first, I was sceptical too, but I decided to give it a try and it really WORK!

LEGITIMATE AND LEGAL

THIS IS A LEGITIMATE, LEGAL, MONEY MAKING OPPORTUNITY.

It does not require you to come into contact with people, do any hard work and best of all, you never have to leave the house except to get the mail. If you believe that someday you'll get that big break that you've been waiting for, THIS IS IT! Simply follow the instructions, and your dreams will come true. This e-mail marketing program works perfectly...100%, EVERY TIME. E-mail is the sales tool of the future. Take advantage of this non-commercialized method of advertising NOW!!! The longer you wait, the more people will be doing business using e-mail. Get your piece of this program now!

MULTI-LEVEL MARKETING (MLM) has finally gained respectability. It is being taught in the Harvard Business School, both Stanford Research and the Wall Street Journal have stated that between 50% and 65% of all goods and services will be sold through multi-level methods by the late 1990's. This is a Multi-Billion Dollar industry and of the 500,000 millionaires in the U.S., 20% (100,000) made their fortune in the last few years in MLM. Moreover, statistics show 45 people become millionaires everyday through Multi-Level Marketing.

You may have heard this story before, but over the summer Donald Trump made an appearance on the David Letterman Show. Dave asked him what he would do if he lost everything and had to start over from scratch. Without hesitating, Trump said he would find a good network marketing company and get to work. The audience started to hoot and boo him. He looked out at the audience and dead-panned his response - "That's why I'm sitting up here and you are all sitting out there!"

With network marketing you have two sources of income. Direct commissions from sales you make yourself and commissions from sales made by people you introduce to the business.

Residual income is the secret of the wealthy. It means investing time or money once and getting paid again and

again and again. In network marketing, it also means getting paid for the work of others.

The enclosed information is something I almost let slip through my fingers. Fortunately, sometime later I re-read everything and gave some thought and study to it.

My name is Ellie Gilbert. Two years ago, the corporation I worked for, the past twelve years, down-sized and my position was eliminated. After many unproductive job interviews, I decided to open my own business. Over the past year, I incurred many unforeseen financial problems. I owed my family, friends and creditors over \$40,000.. I just couldn't seem to make ends meet. I had to refinance and borrow against my home to support my family and struggling business. AT THAT MOMENT something significant happened in my life and I am writing to share the experience in hopes that this will change your life, FINANCIALLY, FOREVER!!!

In mid December, I received this program via e-mail. Six month's prior to receiving this program I had been sending away for information on various business opportunities. All of the programs I received, in my opinion, were not cost effective. They were either too difficult for me to comprehend or the initial investment was too much for me to risk to see if they would work or not. One claimed that I would make a million dollars in one year...it didn't tell me I'd have to write a best selling book to make it!

But, as I was saying, in December of 1997 I received this program. I didn't send for it, or ask for it, they just got my name off a mailing list. THANK GOODNESS FOR THAT! After reading it several times, to make sure I was reading it correctly, I couldn't believe my eyes. Here was a MONEY MAKING PHENOMENON. I could invest as much as I wanted to start, without putting me further into debt. After I got a pencil and paper and figured it out, I would at least get my money back. But like most of you I was still a little skeptical and a little worried about the legal aspects of it all. So I checked it out with the U.S. Post Office (1-800-725-2161 24-hrs) and they confirmed that it is indeed legal! After determining the program was LEGAL and NOT A CHAIN LETTER, I decided "WHY NOT."

Initially I sent out 10,000 e-mails. The great thing about e-mail is that I don't need any money for printing to send out the program, and because

all of my orders are fulfilled via e-mail, the only expense is my time. I'm telling you as it is, I hope it doesn't turn you off, but I promised myself that I would not "rip-off" anyone, no matter how much money it cost me.

In less than one week, I was starting to receive orders for REPORT #1. By January 13, I had received 26 orders for REPORT #1.

Your goal is to "RECEIVE at least 20 ORDERS FOR REPORT #1 WITHIN 2 WEEKS.

If you don't, SEND OUT MORE PROGRAMS UNTIL YOU DO!"

My first step in making \$50,000 in 90 days was done.

By January 30, I had received 196 orders for REPORT #2.

Your goal is to "RECEIVE AT LEAST 100+ ORDERS FOR REPORT #2 WITHIN 2 WEEKS. IF NOT, SEND OUT MORE PROGRAMS UNTIL YOU DO. ONCE YOU HAVE 100 ORDERS, THE REST IS EASY, RELAX, YOU WILL MAKE YOUR \$50,000 GOAL." Well, I had 196 orders for REPORT #2, 96 more than I needed. So I sat back and relaxed.

By March 1, of my e-mailing of 10,000, I received \$58,000 with more coming in every day.

I paid off ALL my debts and bought a much needed new car.

Please take time to read the attached program, IT WILL CHANGE YOUR LIFE FOREVER! Remember, it won't work if you don't try it. This program does work, but you must follow it EXACTLY! Especially the rules of not trying to place your name in a different place. It won't work, you'll lose out on a lot of money! In order for this program to work, you must meet your goal of 20+ orders for REPORT #1, and 100+ orders for REPORT #2 and you will make \$50,000 or more in 90 days. I AM LIVING PROOF THAT IT WORKS!

If you choose not to participate in this program, I am sorry. It really is a great opportunity with little cost or risk to you. If you choose to participate, follow the program and you will be on your way to financial security.

If you are a business owner and in financial trouble, as I was, or you want to start your own business, consider this a good luck sign. I DID!

Sincerely,

Ellie Gilbert

P.S. Do you have any idea what \$58,000 looks like piled up on a kitchen table? IT'S AWESOME!

A PERSONAL NOTE FROM THE ORIGINATOR OF THIS PROGRAM:

By the time you have read the enclosed program and reports you should have concluded that such a program, one that is legal, could not have been created by an amateur.

Let me tell you a little about myself. I had a profitable business for 10 years. Then in 1979 my business began falling off. I was doing the same things that were previously successful for me, but it wasn't working. Finally, I figured it out. It wasn't me, it was the economy. Inflation and recession had replaced the stable economy that had been with us since 1945. I don't have to tell you what happened to the unemployment rate... because many of you know from first hand experience. There were more failures and bankruptcies than ever before.

The middle class was vanishing. Those who knew what they were doing invested wisely and moved up. Those who did not, including those who never had anything to save or invest, were moving down into the ranks of the poor. As the saying goes, "THE RICH GET RICHER AND THE POOR GET POORER." The traditional methods of making money will never allow you to "move up" or "get rich".

You have just received information that can give you financial freedom for the rest of your life, with "NO RISK" and "JUST A LITTLE BIT OF EFFORT." You can make more money in the next few months than you have ever imagined. I should also point out that I will not see a penny of this money, nor anyone else who has provided a testimonial for this program. I have already made over 4 MILLION DOLLARS! I have retired from the program after sending out over 16,000 programs.

Follow the program EXACTLY AS INSTRUCTED. Do not change it in any way. It works exceedingly well as it is now. Remember to e-mail a copy of this exciting report to everyone you can think of. One of the people you send this to may send out 50,000...and your name will be on everyone of them! Remember though, the more you send out the more potential customers you will reach.

So my friend, I have given you the ideas, information, materials and opportunity to become financially independent, IT IS NOW UP TO YOU!

HOW THIS AMAZING PROGRAM WORKS

HERE'S HOW THIS AMAZING PROGRAM WILL MAKE YOU THOUSANDS OF DOLLARS

INSTRUCTIONS:

This method of raising capital REALLY WORKS 100 %, EVERY TIME. I am sure that you could use up to \$50,000 or more in the next 90 days. Before you say "BULL... ", please read this program carefully.

This is not a chain letter, but a perfectly legal money making opportunity. Basically, this is what you do: As with all multi-level businesses, we build our business by recruiting new partners and selling our products. Every state in the USA allows you to recruit new multi-level business partners, and we offer a product for EVERY dollar sent. YOUR ORDERS COME BY MAIL AND ARE FILLED BY E-MAIL, so you are not involved in personal selling. You do it privately in your own home, store or office. This is the GREATEST Multi-Level Mail Order Marketing anywhere:

This is what you MUST do:

1. Order all 4 reports shown on the list below (you can't sell them if you don't order them).

* For each report, send \$5.00 CASH, the NAME & NUMBER OF THE REPORT YOU ARE ORDERING, YOUR E-MAIL ADDRESS, and YOUR NAME & RETURN ADDRESS (in case of a problem) to the person whose name appears on the list next to the report. MAKE SURE YOUR RETURN ADDRESS IS ON YOUR ENVELOPE IN CASE OF ANY MAIL PROBLEMS!

* When you place your order, make sure you order each of the four reports. You will need all four reports so that you can save them on your computer and resell them.

* Within a few days you will receive, via e-mail, each of

the four reports. Save them on your computer so they will be accessible for you to send to the 1,000's of people who will order them from you.

2. IMPORTANT-- DO NOT alter the names of the people who are listed next to each report, or their sequence on the list, in any way other than is instructed below in steps "a" through "f" or you will lose out on the majority of your profits. Once you understand the way this works, you'll also see how it doesn't work if you change it. Remember, this method has been tested, and if you alter it, it will not work.

- a. Look below for the listing of available reports.
- b. After you've ordered the four reports, take this letter and remove the name and address under REPORT #4. This person has made it through the cycle and is no doubt counting their \$50,000!
- c. Move the name and address under REPORT #3 down to REPORT #4.
- d. Move the name and address under REPORT #2 down to REPORT #3.
- e. Move the name and address under REPORT #1 down to REPORT #2.
- f. Insert your name/address in the REPORT #1 position.

Please make sure you copy every name and address ACCURATELY!

3. Take this entire letter, including the modified list of names, and save it to your computer. Make NO changes to the instruction portion of this letter.

4. Now you're ready to start an advertising campaign on the WORLD WIDE WEB! SEND OUT THIS LETTER (with your name added) TO AS MANY PEOPLE AS YOU CAN, EVEN FRIENDS AND FAMILY. Advertising on the WEB can be very, very inexpensive, and there are HUNDREDS of FREE places to advertise. Another avenue which you could use for advertising is e-mail lists. You can buy these lists for under \$20/20,000 addresses or you can pay someone to take care of it for you. BE SURE TO START YOUR AD CAMPAIGN IMMEDIATELY!

5. For every \$5.00 you receive, all you must do is e-mail

them the report they ordered. THAT'S IT! ALWAYS
PROVIDE SAME- DAY SERVICE ON ALL ORDERS!
This will help guarantee that the e-mail THEY send out,
with YOUR name and address on it, will be prompt
because they can't advertise until they receive the report!
To grow fast be prompt and courteous.

AVAILABLE REPORTS

Order Each REPORT by NUMBER and NAME

Notes:

- ALWAYS SEND \$5 CASH FOR EACH REPORT
- ALWAYS SEND YOUR ORDER VIA THE QUICKEST
DELIVERY
- Make sure the cash is concealed by wrapping it in at least
two sheets of paper
- On one of those sheets of paper, include: (a) the number &
name of the report you are ordering, (b) your e-mail address,
and (c) your postal address.

REPORT #1 "THE INSIDER'S GUIDE TO ADVERTISING FOR FREE ON THE INTERNET
"

ORDER REPORT #1 FROM:

L. Simard
220 Louis
Ste-Sophie, QC
Canada
J5J 2P3

REPORT #2 "THE INSIDER'S GUIDE TO SENDING BULK E-MAIL ON THE INTERNET <

ORDER REPORT #2 FROM:

K. Veilleux
386 av. du Parc
St-Antoine QC
Canada
J7Z 7A1

REPORT #3 " THE SECRETS TO MULTILEVEL MARKETING ON THE INTERNET "

ORDER REPORT #3 FROM:

M. Magnan
205 Tessier
St-Casimir Qc
Canada

Canada G0A 3L0

REPORT #4 "HOW TO BECOME A MILLIONAIRE UTILIZING THE POWER OF
MULTILEVEL MARKETING ON THE INTERNET "

ORDER REPORT #4 FROM:

E. Fillion

316 ch. Bas Ste-Therese

Blainville, Qc (Canada)

J7E 4H4

HERE'S HOW THIS AMAZING PLAN WILL MAKE YOU \$MONEY\$

Let's say you decide to start small just to see how well it works. Assume your goal is to get 10 people to participate on your first level. (Placing a lot of FREE ads on the internet will EASILY get a larger response.) Also assume that everyone else in YOUR ORGANIZATION gets ONLY 10 downline members. Follow this example to achieve the STAGGERING results below.

1st level--your 10 members with \$5.....\$50

2nd level--10 members from those 10 (\$5 x 100).....\$500

3rd level--10 members from those 100 (\$5 x 1,000)...\$5,000

4th level--10 members from those 1,000 (\$5x10,000).\$50,000

THIS TOTALS -----> \$55,550

Remember, this assumes that the people who participate only recruit 10 people each. Think for a moment what would happen if they got 20 people to participate! Lots of people get 100s of participants! THINK ABOUT IT!

Your cost to participate in this is practically nothing (surely you can afford \$20). You obviously already have an internet connection and e-mail is FREE! REPORT #3 shows you the most productive methods for bulk e-mailing and purchasing e-mail lists. Some list & bulk e-mail vendors even work on trade!

Over 50,000, new people, get on the internet EVERYDAY (CBS NEWS)!

*****TIPS FOR SUCCESS*****

* TREAT THIS AS YOUR BUSINESS! Be prompt, professional, and follow the directions accurately.

* Send for the four reports IMMEDIATELY so you will have them when the orders start coming in because:

When you receive a \$5 order, you MUST send out the requested product (report) to comply with the U.S. Postal & Lottery Laws, Title 18, Sections 1302 and 1341 or Title 18, Section 3005 in the U.S. Code, also Code of Federal Regs. vol. 16, Sections 255 and 436, which state that "a product or service must be exchanged for money received."

* ALWAYS PROVIDE SAME-DAY SERVICE ON THE ORDERS YOU RECEIVE.

* Be patient and persistent with this program. If you follow the instructions exactly, the results WILL undoubtedly be SUCCESSFUL!

* ABOVE ALL, HAVE FAITH IN YOURSELF AND KNOW YOU WILL SUCCEED!

*****YOUR SUCCESS GUIDELINE*****

Follow these guidelines to help assure your success:

If you don't receive 10 to 20 orders for REPORT #1 within two weeks, continue advertising until you do. Then, a couple of weeks later you should receive at least 100 orders for REPORT #2. If you don't, continue advertising until you do. Once you have received 100 or more orders for REPORT #2, YOU CAN RELAX, because the system is already working for you, and the cash can continue to roll in!

THIS IS IMPORTANT TO REMEMBER:

Every time your name is moved down on the list, you are placed in front of a DIFFERENT report. You can KEEP TRACK of your PROGRESS by watching which report people are ordering from you. If you want to generate more income, send another batch of e-mails and start the whole process again! There is no limit to the income you will generate from this business!

PLEASE NOTE: If you need help with starting a business, registering a business name, learning how income tax is handled, etc., contact your local office of the Small Business Administration (a Federal agency) 1-(800)827-5722 for free help and answers to questions. Also, the Internal Revenue Service offers free help via telephone and free seminars about business tax requirements. Your earnings and results are highly dependant on your activities and advertising. This letter constitutes no guarantees stated nor implied. In the event that it is determined that this letter constitutes a guarantee of any kind, that guarantee is now void. Any testimonials or amounts of earnings listed in this letter may be factual or fictitious. If you have any question of the legality of this letter contact the Office of Associate Director for Marketing Practices Federal Trade Commission Bureau of Consumer Protection in Washington DC.

*****T E S T I M O N I A L S*****

This program does work, but you must follow it EXACTLY! Especially the rule of not trying to place your name in a different position, it won't work and you'll lose a lot of potential income. I'm living proof that it works. It really is a great opportunity to make relatively easy money, with little cost to you. If you do choose to participate, follow the program exactly, and you'll be on your way to financial security.

Sean McLaughlin, Jackson, MS

My name is Frank. My wife, Doris, and I live in Bel-Air, MD. I am a cost accountant with a major U.S. Corporation and I make pretty good money. When I received the program I grumbled to Doris about receiving "junk mail." I made fun of the whole thing, spouting my knowledge of the population and percentages involved. I "knew" it wouldn't work. Doris totally ignored my supposed intelligence and jumped in with both feet. I made merciless fun of her, and was ready to lay the old "I told you so" on her when the thing didn't work... well, the laugh was on me! Within two weeks she had received over 50 responses. Within 45 days she had received over \$147,200 in \$5 bills! I was shocked! I was sure that I had it all figured and that it wouldn't work. I AM a believer now. I have joined Doris in her "hobby." I did have seven more years until retirement, but I think of the "rat race" and it's not for me. We owe it all to MLM.

Frank T., Bel-Air, MD

I just want to pass along my best wishes and encouragement to you. Any doubts you have will vanish when your first orders come in. I even checked with the U.S. Post Office to verify that the plan was legal. It definitely is! IT WORKS!

Paul Johnson, Raleigh, NC

The main reason for this letter is to convince you that this system is honest, lawful, extremely profitable, and is a way to get a large amount of money in a short time. I was approached several times before I checked this out. I joined just to see what one could expect in return for the minimal effort and money required. To my astonishment, I received \$36,470.00 in the first 14 weeks, with money still coming in. Phillip A. Brown, Esq.

Not being the gambling type, it took me several weeks to make up my mind to participate in this plan. But conservative that I am, I decided that the initial investment was so little that there was just no way that I wouldn't get enough orders to at least get my money back. Boy, was I surprised when I found my medium-size post office box crammed with orders! For a while, it got so overloaded that I had to start picking up my mail at the window. I'll make more money this year than any 10 years of my life before. The nice thing about this plan is that it doesn't matter where in the U.S. people live. There simply isn't a better investment with a faster return.

Mary Rockland, Lansing, MI

I had received this program before. I deleted it, but later I wondered if I shouldn't have given it a try. Of course, I had no idea who to contact to get another copy, so I had to wait until I was e-mailed another program...11 months passed then it came...I didn't delete this one!...I made more than \$41,000 on the first try!!

D. Wilburn, Muncie, IN

This is my third time to participate in this plan. We have quit our jobs, and will soon buy a home on the beach and live off the interest on our money. The only way on earth that this plan will work for you is if you do it. For your sake, and for your family's sake don't pass up this golden opportunity. Good luck and happy spending!

Charles Fairchild, Spokane, WA

ORDER YOUR REPORTS TODAY AND
GET STARTED ON YOUR ROAD TO
FINANCIAL FREEDOM!

NOW IS THE TIME !

DECISIVE ACTION YIELDS
POWERFUL RESULTS !

From Subscriber_Services78048@msn.com Wed Nov 13 12:27:02 2002
Received: from 200.215.102.64 ([200.215.102.64])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id MAA03986
for <lyris.aprsnews@tapr.org>; Wed, 13 Nov 2002 12:26:57 -0600 (CST)
Message-Id: <200211131826.MAA03986@tapr.org>
Received: from [24.118.23.60] by n9.groups.yahoo.com with SMTP; Nov, 13 2002
12:22:43 PM +0300
Received: from 11.139.74.233 ([11.139.74.233]) by n7.groups.yahoo.com with NNFMP;
Nov, 13 2002 11:08:52 AM -0700
Received: from [177.34.196.8] by f64.law4.hotmail.com with NNFMP; Nov, 13 2002
10:16:36 AM -0200
Received: from smtp-server1.cfl.rr.com ([5.151.138.187]) by rly-x104.mx.aol.com
with esmtp; Nov, 13 2002 9:10:52 AM -0000
From: "WALL STREET BULLETIN..46100" <Subscriber_Services78048@msn.com>
To: Subscriber.Acct.#99458@tapr.org
Cc:
Subject: NEW STOCK PICK: PRCT - LAST PICK UP
150%.....
..... grymg
Sender: "WALL STREET BULLETIN..46100" <Subscriber_Services78048@msn.com>
Mime-Version: 1.0
Content-Type: text/html; charset="iso-8859-1"
Date: Wed, 13 Nov 2002 12:26:56 -0600
X-Mailer: Microsoft Outlook Build 10.0.2616
X-Priority: 1

<html>
<head>
</head>
<body>
<p align="center">Did you miss out on
NNCO, UP 233% IN JUST 2 DAYS?</p>
<p align="center">Here's another pick

- Another Short Play</p>
<p align="center"><a href="http://www.globalcyberconnection.com/
Wall_Street_Bulletin.htm">CLICK HERE</p>
<p align="center"></p>
<p align="left"> </p>
<p align="left"> </p>
<p align="center">I no longer wish to receive your newsletter click here</
font></p>
</body>
</html>

faiiralmjwupcgnoSw

From bounce-message-839@lists.tappr.org Thu Nov 14 00:17:20 2002
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id AAA03856
for <lyris.aprsnews@tappr.org>; Thu, 14 Nov 2002 00:17:19 -0600 (CST)
Message-Id: <LYR839-106922-2002.11.14-01.00.58--
lyris.aprsnews#tappr.org@lists.tappr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tappr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tappr.org>
To: lyris.aprsnews@tappr.org
Subject: Your confirmation is needed (ok 839)
Date: Thu, 14 Nov 2002 01:00:58 -0500

Your email address 'lyris.aprsnews@tappr.org' has been submitted to be
unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be
unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that
the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tappr.org

You will receive notification that your confirmation has been received, and
that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the
mailing list.

Return-Path: <fitzt@attbi.com>
Received: from sccrmhc01.attbi.com ([204.127.202.61]) by lists.tappr.org with SMTP (Lyris Server version 3.0); Thu, 14 Nov 2002 01:00:49 -0500
Received: from attbi.com ([12.239.215.69]) by sccrmhc01.attbi.com (InterMail vM.4.01.03.27 201-229-121-127-20010626) with ESMTP id <20021114061700.NOFD2683.sccrmhc01.attbi.com@attbi.com> for <leave-aprsnews-839E@lists.tappr.org>; Thu, 14 Nov 2002 06:17:00 +0000
Message-ID: <3DD33FDC.6010705@attbi.com>
Date: Thu, 14 Nov 2002 00:17:00 -0600
From: Tom Fitzsimmons <fitzt@attbi.com>
User-Agent: Mozilla/5.0 (Macintosh; U; PPC; en-US; rv:1.0.1) Gecko/20020823 Netscape/7.0
X-Accept-Language: en-us, en
MIME-Version: 1.0
To: aprsnews-request
Subject:
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tappr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <fitzt@attbi.com>
Received: from sccrmhc01.attbi.com ([204.127.202.61]) by lists.tappr.org with SMTP (Lyris Server version 3.0); Thu, 14 Nov 2002 01:00:49 -0500
Received: from attbi.com ([12.239.215.69]) by sccrmhc01.attbi.com (InterMail vM.4.01.03.27 201-229-121-127-20010626) with ESMTP id <20021114061700.NOFD2683.sccrmhc01.attbi.com@attbi.com> for <leave-aprsnews-839E@lists.tappr.org>; Thu, 14 Nov 2002 06:17:00 +0000
Message-ID: <3DD33FDC.6010705@attbi.com>
Date: Thu, 14 Nov 2002 00:17:00 -0600
From: Tom Fitzsimmons <fitzt@attbi.com>
User-Agent: Mozilla/5.0 (Macintosh; U; PPC; en-US; rv:1.0.1) Gecko/20020823 Netscape/7.0
X-Accept-Language: en-us, en
MIME-Version: 1.0
To: leave-aprsnews-839E@lists.tappr.org
Subject: (no subject)
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

From fitzt@attbi.com Thu Nov 14 00:17:25 2002
Received: from sccrmhc03.attbi.com (sccrmhc03.attbi.com [204.127.202.63])
by tapr.org (8.9.3/8.9.3/1.13) with ESMTP id AAA03862
for <lyris.aprsnews@tapr.org>; Thu, 14 Nov 2002 00:17:25 -0600 (CST)
Received: from attbi.com ([12.239.215.69]) by sccrmhc03.attbi.com
(InterMail vM.4.01.03.27 201-229-121-127-20010626) with ESMTP
id <20021114061723.GVIT13797.sccrmhc03.attbi.com@attbi.com>
for <lyris.aprsnews@tapr.org>; Thu, 14 Nov 2002 06:17:23 +0000
Message-ID: <3DD33FF4.6050002@attbi.com>
Date: Thu, 14 Nov 2002 00:17:24 -0600
From: Tom Fitzsimmons <fitzt@attbi.com>
User-Agent: Mozilla/5.0 (Macintosh; U; PPC; en-US; rv:1.0.1) Gecko/20020823
Netscape/7.0
X-Accept-Language: en-us, en
MIME-Version: 1.0
To: lyris.aprsnews@tapr.org
Subject: (no subject)
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

From bounce-aprsnews-839@lists.tapr.org Sat Nov 16 13:51:53 2002
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id NAA17549
for <lyris.aprsnews@tapr.org>; Sat, 16 Nov 2002 13:51:49 -0600 (CST)
Date: Sat, 16 Nov 2002 10:01:38 -0500 (EST)
From: Bob Bruninga <bruninga@usna.edu>
X-X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: TAPR APRS Special Interest Group <aprssig@lists.tapr.org>
Subject: [aprsnews] Re: [aprssig] Re: Tactical call signs?
In-Reply-To: <LYR20817-107294-2002.11.16-05.53.48--
bruninga@usna.edu@lists.tapr.org>
Message-ID: <LYR839-107364-2002.11.16-14.35.34--
lyris.aprsnews@tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
X-Virus-Scanned: by amavisd-milter (<http://amavis.org/>)
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <Pine.GS0.4.44.0211160937550.3534-100000@arctic>

Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

> Frankly I don't understand why it is necessary to use fake callsigns in
> the packets. If you want to have tactical callsigns shown on a map, the
> mapping software should support aliases for each callsign.

USER ASSIGNED-ON-RECEIPT TACTICAL CALLS ARE A COMM DISASTER WAITING TO
HAPPEN.

Because APRS is designed for "tactical real-time digital communications"
in support of emergency/special/local communicatiosn needs. This means
people-to-people digital communications. I strongly oppose the concept of
user-assigned-aliases-on-receipt because it leads to confusion,
ON-THE-AIR.

If a few people refer to the FireTruck-3 as FIRE-3 and everyone else sees
W3XYZ-14 on their maps, I can GUARANTEE CONFUSION. Remember APRS is an
AUGMENT to human communicatiosn with humans looking at MAP data. EVERY
map must be GUARANTEED to be showing all human viewers the SAME THING, or
you are using a system that only adds confusion instead of helping it.

Yes, in an "ideal" world with 100% of every operator and every APRS
program on the air EVERYWHERE within your EMERGENCY, all taking the time
to assign an "alias" in the heat of battle, yes, this is a nice
capability. But a receipe for disaster if you have any users in your net
with a D7, D700, HAM-HUDS, APRSdos, no FINDU.COM, or any late commers.

COMMS is NEVER "ideal" in the real world! APRS is "come-as-you-are", with
now DOZENS of non-homogeneous APRS decodign software out there. In such
an environment, any COMMUNICATIONS PLANNER with any sense of the real
world would be shooting himself in the foot if he encouraged such a use of
end-user-assigned aliases..

Thus, either assign tactical calls to the TRACKERS before the event, or
refer to them by their HAM CALLS throughout the event.

END-USER-ON-RECEIPT-ASSIGNED Tactical aliases are a receipe for
CONFUSION (and communications failure). None of the D7's, D700's,
HAM-HUDS, FINDU.COM, or any latecomer, or APRSdos, or I can think of all
kinds of people who wont get the alias assigned correctly. Thus half your
APRS folks will be referring to the same object with two different names,
some with a CALL and some with a TACTICAL name. Now throw in about a
dozen such dual-labeled, miss-assigned mobiles and you have A receipe for
disaster.

I have STRONGLY opposed end-user-assigned-tactical-calls from the
beginning. The ONLY WAY I would accept it is if such software that

allowed it would ALWAYS DISPLAY BOTH the REAL call and the TACTICAL CALL
in Parenthesis EVERYWHERE in the program and on the map.

Anything else, undermines the integrity of APRS as a tactical real-time
communications system.

de WB4APR

You are currently subscribed to aprsnews as: lyris.aprsnews@tapr.org
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wallou@tapr.org

From StopForeclosure98224@cs.com Tue Nov 19 10:04:53 2002
Received: from mx1.mail.twtelecom.net (mx1.mail.twtelecom.net [207.67.10.250])
by tapr.org (8.9.3/8.9.3/1.13) with ESMTP id KAA24569
for <lyris.aprsnews@tapr.org>; Tue, 19 Nov 2002 10:04:53 -0600 (CST)
Received: from 211.250.166.131 (unknown [200.161.70.165])
by mx1.mail.twtelecom.net (Postfix) with SMTP id 0FAA068E9D
for <lyris.aprsnews@tapr.org>; Tue, 19 Nov 2002 10:02:42 -0600 (CST)
Received: from unknown (164.203.204.135) by a231242.upc-a.chello.nl with SMTP;
Nov, 19 2002 9:51:19 AM +1200
Received: from [6.135.221.168] by rly-xl05.mx.aol.com with asmt; Nov, 19 2002
8:37:15 AM +1100
Received: from unknown (148.179.169.246) by rly-yk05.mx.aol.com with QMQP; Nov, 19
2002 7:58:20 AM -0300
Received: from 105.183.205.243 ([105.183.205.243]) by smtp-server1.cfl.rr.com with
QMQP; Nov, 19 2002 6:41:52 AM -0000
From: StopForeclosure922 <StopForeclosure98224@cs.com>
To: HOMEOWNER96389@mx1.mail.twtelecom.net
Cc:
Subject: STOP YOUR
FORECLOSURE.....
.....
..... exoet
Sender: StopForeclosure922 <StopForeclosure98224@cs.com>
Mime-Version: 1.0
Content-Type: text/html; charset="iso-8859-1"
Date: Tue, 19 Nov 2002 10:06:24 -0600
X-Mailer: Microsoft Outlook Build 10.0.2616
X-Priority: 1
Message-Id: <20021119160242.0FAA068E9D@mx1.mail.twtelecom.net>

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SRCapital.htm">CLICK HERE</a></b></p>
<p align="left">&nbsp;</p>
<p align="center"><font size="2">Unsubscribe <a
href="mailto:takemeoff1001@themail.com?subject=takeoff"><b>click here</b></a></
font></p>
</body>
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xnuosbwfxjmvwguqdrimuujirn

From bounce-aprsnews-839@lists.tappr.org Wed Dec 4 17:44:35 2002
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id RAA08795
for <lyris.aprsnews@tappr.org>; Wed, 4 Dec 2002 17:44:34 -0600 (CST)
Date: Wed, 4 Dec 2002 18:11:49 -0500 (EST)
From: Bob Bruninga <bruninga@usna.edu>
X-X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tappr.org>
cc: aprsnews@lists.tappr.org
Subject: [aprsnews] Annual FOOTBALL RUN Thursday
Message-ID: <LYR839-109624-2002.12.04-18.29.05--
lyris.aprsnews@tappr.org@lists.tappr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
X-Virus-Scanned: by amavisd-milter (<http://amavis.org/>)
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tappr.org>>
X-Message-Id: <Pine.GSO.4.44.0212041810200.12194-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

FOOTBALL RUN STARTS ON THURSDAY AT NOON in Annapolis, MD. and runs 300
miles + to NJ Meadowlands on Saturday. Watch for FBALL and CHASE...
under club call W3ADO.

de WB4APR@amsat.org, Bob

WEB page <http://www.ew.usna.edu/~bruninga/fball2002.html>

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To unsubscribe send a blank email to leave-aprsnews-839E@lists.tappr.org
Questions regarding the SIG go to the SIG administrator: wallou@tappr.org

From notthisemail@dd.com Thu Dec 5 11:46:18 2002
Received: from mx2.mail.twtelecom.net (mx2.mail.twtelecom.net [168.215.210.54])
by tappr.org (8.9.3/8.9.3/1.13) with ESMTP id LAA15908
for <lyris.aprsnews@tappr.org>; Thu, 5 Dec 2002 11:46:17 -0600 (CST)
Received: from 13.45.10.31 (unknown [61.235.68.66])
by mx2.mail.twtelecom.net (Postfix) with SMTP id 47A86AE1B
for <lyris.aprsnews@tappr.org>; Thu, 5 Dec 2002 11:46:15 -0600 (CST)
From: hello <notthisemail@dd.com>
To: lyris.aprsnews@tappr.org

Reply-To: notthisemail@dd.com
Subject: =?gb2312?q?
=C4=E3=D3=D0=B2=FA=C6=B7=D4=DA=CD=F8=C9=CF=D0=FB=B4=AB=C2=F0=A3=BF_do_you_have_pro
ducts_to_sell_in_the_net=3F?=
Date: Sun, 31 Oct 1999 01:45:13 +0800
MIME-Version: 1.0
Content-Type: multipart/mixed; boundary="8202921c-8f2d-11d3-a98a-5254aba02fb7"
Message-Id: <20021205174615.47A86AE1B@mx2.mail.twtelecom.net>

This is a multi-part message in MIME format
--8202921c-8f2d-11d3-a98a-5254aba02fb7
Content-Type: text/plain; charset=gb2312
Content-Transfer-Encoding: quoted-printable

=C4=E3=C8=E7=B9=FB=D0=E8=D2=AA=D7=F6=B9=E3=B8=E6=A3=AC=C7=EB=C4=E3=BD=AB=C4=E3=
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=D3=C3=BB=A7=C3=FB=CA=C7usa123888=BB=F2usa123168=BB=F2usa123268=BB=F2=
usa123368 =D3=CA=CF=E4=CA=C7=CA=F4=D3=DA88998.com=BB=F2yaoweb.com=B5=C4
=C7=EB=C1=F4=C4=E3=B5=C4=D3=CA=CF=E4=B5=D8=D6=B7=D2=D4=B1=E3=C1=AA=CF=B5=A3=AC=
=C8=E7=B9=FB=C4=E3=B2=BB=D0=E8=D2=AA=CE=D2=BF=B4=B5=BD=CE=D2=B5=C4=B9=E3=B8=E6=
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=B5=C4hotmail.com=BB=F2yaoweb.com=D6=D0=D2=AA=C7=F3=B3=B7=B3=FD=C4=E3=B5=C4=D3=
=CA=CF=E4=B5=D8=D6=B7=A1=A3

Don=A1=Aft you need e-mail addresses to advertise your products and your =
company image on-line? Don=A1=Aft wander any more. Contact us now! We could =
offer you an ideal solution. The only thing you need to do is just to let us =
know your purposes (e.g: for business purpose,) and your products, or even =
some other specific points you would like us to know. Just as that simple! We =
could design a wonderful package to suit you. Action now!

300,000 e-mail addresses only for USD10, including one free email-sender =
software. Get the great deal done right now!

For further information, please feel free to contact us at any time. my =
email:username is:usa123268 usa123368 usa123888 those are 88998.com
or username=A3=BAusa123888 usa123268 usa123368 they are yaoweb.com
if you want to remove your emailaddress pleses sent email to =
username:usa123468 its 88998.com or yaoweb.com =

--8202921c-8f2d-11d3-a98a-5254aba02fb7--

From notthisemail@dd.com Sat Dec 7 11:44:23 2002
Received: from mx1.mail.twtelecom.net (mx1.mail.twtelecom.net [207.67.10.250])

by tapr.org (8.9.3/8.9.3/1.13) with ESMTP id LAA28464
for <lyris.aprsnews@tapr.org>; Sat, 7 Dec 2002 11:44:23 -0600 (CST)
Received: from 13.46.43.02 (unknown [61.235.68.66])
by mx1.mail.twtelecom.net (Postfix) with SMTP id 53AC776EFC
for <lyris.aprsnews@tapr.org>; Sat, 7 Dec 2002 11:43:38 -0600 (CST)
From: hello <notthisemail@dd.com>
To: lyris.aprsnews@tapr.org
Reply-To: notthisemail@dd.com
Subject: =?gb2312?q?
30=CD=F2=D3=CA=CF=E4100=D4=AA-----300000emailaddress_only_usd\$10?=
Date: Tue, 02 Nov 1999 01:46:47 +0800
MIME-Version: 1.0
Content-Type: multipart/mixed; boundary="14e5bcda-90b2-11d3-a98a-5254aba02fb7"
Message-Id: <20021207174338.53AC776EFC@mx1.mail.twtelecom.net>

This is a multi-part message in MIME format
--14e5bcda-90b2-11d3-a98a-5254aba02fb7
Content-Type: text/plain; charset=gb2312
Content-Transfer-Encoding: quoted-printable

=C4=E3=C8=E7=B9=FB=D0=E8=D2=AA=D7=F6=B9=E3=B8=E6=A3=AC=C7=EB=C4=E3=BD=AB=C4=E3=
=CB=F9=D2=AA=D0=FB=B4=AB=B5=C4=B2=FA=C6=B7=BA=CD=B6=D4=CF=F3=B8=E6=CB=DF=CE=D2=
=A3=AC=CE=D2=BB=E1=CE=AA=C4=E3=B6=A8=D6=C6=C4=E3=CB=F9=D2=AA=B5=C4=D3=CA=D6=B7=
=A3=AC=BC=DB=B8=F1=A3=BA30=CD=F2=D3=CA=D6=B7100=D4=AA=A3=AC=CB=CD=C8=ED=BC=FE=
=D2=BB=CC=D7=A3=AC=D2=BB=C8=D5=C4=DA=BD=BB=BB=F5=A3=AC=CE=D2=B5=C4=D3=CA=CF=E4=
=D3=C3=BB=A7=C3=FB=CA=C7usa123888=BB=F2usa123268=BB=F2usa123368 =D3=CA=CF=E4=
=CA=C7=CA=F4=D3=DAYaoweb.com=B5=C4
=C7=EB=C1=F4=C4=E3=B5=C4=D3=CA=CF=E4=B5=D8=D6=B7=D2=D4=B1=E3=C1=AA=CF=B5=A3=AC=
=C8=E7=B9=FB=C4=E3=B2=BB=D0=E8=D2=AA=CE=D2=BF=B4=B5=BD=CE=D2=B5=C4=B9=E3=B8=E6=
=A3=AC=C7=EB=B7=A2=D3=CA=BC=FE=B5=BD=D3=C3=BB=A7=C3=FBusa123468
=B5=C488998.com=BB=F2yaoweb.com=D6=D0=D2=AA=C7=F3=B3=B7=B3=FD=C4=E3=B5=C4=D3=
=CA=CF=E4=B5=D8=D6=B7=A1=A3

do you have products to sell in net ,please contact with me .i can find
300000 emailaddress for you only 10\$,and i will sent it with a =
emailsendersoft to you,if you need please sent a mail to me ,my email: =
username=A3=BAusa123888 or username:usa123268 or username:usa123368 they =
are yaoweb.com
if you want to remove your emailaddress pleses sent email to =
username:usa123468 its yaoweb.com

--14e5bcda-90b2-11d3-a98a-5254aba02fb7--

From bounce-message-839@lists.tapr.org Sat Dec 7 13:52:16 2002
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id NAA02946
for <lyris.aprsnews@tapr.org>; Sat, 7 Dec 2002 13:52:15 -0600 (CST)

Message-Id: <LYR839-109971-2002.12.07-14.36.28--
lyris.aprsnews#tapr.org@lists.tapr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tapr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tapr.org>
To: lyris.aprsnews@tapr.org
Subject: Your confirmation is needed (ok 839)
Date: Sat, 07 Dec 2002 14:36:28 -0500

Your email address 'lyris.aprsnews@tapr.org' has been submitted to be unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tapr.org

You will receive notification that your confirmation has been received, and that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the mailing list.

Return-Path: <notthisemail@dd.com>
Received: from 19.54.06.02 ([61.235.68.66]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Sat, 07 Dec 2002 14:35:54 -0500
From: hello <notthisemail@dd.com>
To: aprsnews-request
Reply-To: notthisemail@dd.com
Subject:
Date: Tue, 02 Nov 1999 03:54:08 +0800
MIME-Version: 1.0
Content-Type: multipart/mixed; boundary="14e69513-90b2-11d3-a98a-5254aba02fb7"

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tapr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <notthisemail@dd.com>
Received: from 19.54.06.02 ([61.235.68.66]) by lists.tapr.org with SMTP (Lyris

Server version 3.0); Sat, 07 Dec 2002 14:35:54 -0500
From: hello <notthisemail@dd.com>
To: leave-aprsnews-839e@lists.tapr.org
Reply-To: notthisemail@dd.com
Subject: =?gb2312?q?
30=CD=F2=D3=CA=CF=E4100=D4=AA-----300000emailaddress_only_usd\$10?=
Date: Tue, 02 Nov 1999 03:54:08 +0800
MIME-Version: 1.0
Content-Type: multipart/mixed; boundary="14e69513-90b2-11d3-a98a-5254aba02fb7"

This is a multi-part message in MIME format

--14e69513-90b2-11d3-a98a-5254aba02fb7
Content-Type: text/plain; charset=gb2312
Content-Transfer-Encoding: quoted-printable

=C4=E3=C8=E7=B9=FB=D0=E8=D2=AA=D7=F6=B9=E3=B8=E6=A3=AC=C7=EB=C4=E3=BD=AB=C4=E3=
=CB=F9=D2=AA=D0=FB=B4=AB=B5=C4=B2=FA=C6=B7=BA=CD=B6=D4=CF=F3=B8=E6=CB=DF=CE=D2=
=A3=AC=CE=D2=BB=E1=CE=AA=C4=E3=B6=A8=D6=C6=C4=E3=CB=F9=D2=AA=B5=C4=D3=CA=D6=B7=
=A3=AC=BC=DB=B8=F1=A3=BA30=CD=F2=D3=CA=D6=B7100=D4=AA=A3=AC=CB=CD=C8=ED=BC=FE=
=D2=BB=CC=D7=A3=AC=D2=BB=C8=D5=C4=DA=BD=BB=BB=F5=A3=AC=CE=D2=B5=C4=D3=CA=CF=E4=
=D3=C3=BB=A7=C3=FB=CA=C7usa123888=BB=F2usa123268=BB=F2usa123368 =D3=CA=CF=E4=
=CA=C7=CA=F4=D3=D4yaoweb.com=B5=C4
=C7=EB=C1=F4=C4=E3=B5=C4=D3=CA=CF=E4=B5=D8=D6=B7=D2=D4=B1=E3=C1=AA=CF=B5=A3=AC=
=C8=E7=B9=FB=C4=E3=B2=BB=D0=E8=D2=AA=CE=D2=BF=B4=B5=BD=CE=D2=B5=C4=B9=E3=B8=E6=
=A3=AC=C7=EB=B7=A2=D3=CA=BC=FE=B5=BD=D3=C3=BB=A7=C3=FBusa123468
=B5=C488998.com=BB=F2yaoweb.com=D6=D0=D2=AA=C7=F3=B3=B7=B3=FD=C4=E3=B5=C4=D3=
=CA=CF=E4=B5=D8=D6=B7=A1=A3

do you have products to sell in net ,please contact with me .i can find
300000 emailaddress for you only 10\$,and i will sent it with a =
emailsendersoft to you,if you need please sent a mail to me ,my email: =
username=A3=BAusa123888 or username:usa123268 or username:usa123368 they =
are yaoweb.com
if you want to remove your emailaddress pleses sent email to =
username:usa123468 its yaoweb.com

--14e69513-90b2-11d3-a98a-5254aba02fb7--

From muyige@mail.com Mon Dec 9 20:17:42 2002
Received: from tapr.org ([195.166.237.34])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id UAA05453
for <lyris.aprsnews@tapr.org>; Mon, 9 Dec 2002 20:17:38 -0600 (CST)
Message-Id: <200212100217.UAA05453@tapr.org>
From: "MUYIWA IGE" <muyige@mail.com>
Date: Tue, 10 Dec 2002 03:14:59

To: lyris.aprsnews@tapr.org
Subject: ### KINDLY ASSIST MY FAMILY###
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dear Sir,

I got your contact through the email business directory and decided to send my proposal to you. I am Muiyiwa IGE the first son of the late chief BOLA IGE, the attorney general of the federal republic of Nigeria who was killed by hired assassins on the 23rd of december 2001 by an unidentified gun men believed to be linked to the present government.

Two months before he was eventually killed, there was attempt on his life but fortunately God spared his life for us. It was then, he had to reveal some vital informations as regards his life to me before he was finally killed in December. All accounts belonging to my father both local and abroad had been frozen and his investments seized by the government believing in their false allegation that he made away with \$2 billion dollars of (NEPA) National Electricity Power Authority of which I know is just a ploy to eliminate him by the people in power that he is frustrating their evil intentions through the human right public hearing for violation of right and gruesome killings during the military regime to carry out their traits to suffer the masses for their selfish interest instead of the interest of the nation. We are now in a dilemma as our lives are in danger till after the investigations.

Two weeks before christmas holiday in 2001 being on the 4th of December, my dad spoke to me at length about life and its realities. He told me he deposited a trunk box containing us\$9.5m with a Security and Finance Company overseas, with the intention of retrieving it himself before he was eventually killed before the christmas. According to him the content of the box was registered as government classified papers with his influence and was moved out of my country through diplomatic courier. He wanted to safeguard the funds for foreign investment after his retirement before he was killed.

In the light of the above and based on the fact that I am next of kin I am now contacting you as a foreigner to assist me in retrieving the boxes and subsequently deposit the funds into your foreign account. My mother and I have agreed to give you 30% of the fund for your assistance and 10% for any expenses you might incur in the course of this transaction, we want to believe

that you will not sit on the money when paid into your account. I want you to understand that there is no risk involve as we have worked out modalities for the smooth actualization of this goal.i will require the following for effecting the documents of claim and identification.:

1] Your private telephone and fax numbers.

2.Your contact address

I will send you the following:

1] The airway bill used in sending the boxes

2] The password being the security code

3] The deposit certificate

I wish to state here that we are left with nothing as we survive by the grace of God. I hope you understand our predicament so as to save me and my family from hopeless future .

Waiting your urgent response.

Best regards,

Muyiwa IGE.

From bounce-aprsnews-839@lists.tappr.org Tue Dec 10 07:40:21 2002
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id HAA28198
for <lyris.aprsnews@tappr.org>; Tue, 10 Dec 2002 07:40:17 -0600 (CST)
X-Sent: 10 Dec 2002 08:06:13 GMT
Date: Tue, 10 Dec 2002 03:06:14 -0500
From: Steve Dimse <k4hg@tappr.org>
Subject: [aprsnews] 16 bit (and larger) Telemetry
To: "APRS Announcements" <aprsnews@lists.tappr.org>
X-Priority: 3
Message-ID: <LYR839-110345-2002.12.10-08.25.04--
lyris.aprsnews#tappr.org@lists.tappr.org>
MIME-Version: 1.0
Content-Type: text/plain; Charset=US-ASCII
Content-Transfer-Encoding: 7bit

List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <r01050300-1022-41013DCD0C1611D793F5000393DB395A@[170.134.203.122]>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

I'm involved in an APRS project that requires telemetry with greater precision than the 8 bits provided for in the APRS spec. This data will be transmitted using the "user defined" part of the spec. Rather than develop a format specific to this application, I am going to make it as general as I can, so that the findU tools I am writing to manipulate the data can be used by other applications (thereby hopefully avoiding some requests for special user-defined formats).

I'm bringing this up here because I'm open to suggestions, at least up until the first remote device is deployed. If you have ideas that would make this more useful, please share them.

The basic plan is for two different packets, one with positive hex integers, the other with base 10 numbers (which may be signed or unsigned, integer or floating point).

The reason for two formats is that hex is easier for embedded devices to encode than decimal, and can also save a few bytes on each packet, depending on the number and size of the values. However, it is hard to do negatives in hex (when there is not a set bit-length of the number...is FF a 16 bit 255 or an 8 bit -1?) and damn near impossible to do efficient, cross-platform floating point.

There is no official limit on the number of values in the packet (there are practical issues, but the format, and my code do not set the limits), fields are comma delimited, datapoints without values are represented by a true empty field (two consecutive commas or comma at the end of a line). I propose using the character T (telemetry) for the user character, and H and D (hex and decimal) for the format character.

Note there is no timestamp or sequence number in this spec. An individual user is free to designate one of the fields for that function, but there is no wasted space for those who don't need it.

Examples:

}TH243,AE,4F2,,12,0,FF

}TD134.2,42,0,-23.3,0,

Again, this is under the user-defined part of the spec, so it is not a matter for the APRS WG (other than allocated the specific format characters). If you have a need not met by whatever we end up using, you can create a different format to meet your needs. As I say, I'm bringing this up now because I would like to have the spec and tools as general purpose as possible.

As a teaser, I'll show an example of a prototype of a new telemetry cgi. This uses the Ploticus plotting package (<http://ploticus.sourceforge.net>)...a very powerful program with its own complex scripting language, but this prototype uses one of their "prefab" scripts, chron, which plots time on the x axis. It is limited to plotting a single line, obviously not good enough, I'll have to learn the scripting language, but this hints at what can be done:

<http://www.findu.com/cgi-bin/tele1.cgi?call=k9d9&last=72¶m=1>
<http://www.findu.com/cgi-bin/tele1.cgi?call=kj7az-6&last=72¶m=2>

(param is which of the tele values to plot, in addition 0 is the transmitted sequence number, while -1 is the received sequence number).

The final tele cgi will work on the original 8 bit format and either of the new ones automatically (i.e. it will sense the datatype and do conversions automatically, no need to specify the format).

Comments encouraged! (and can someone post this on the aprsspec group, I'm not subscribed!)

Steve K4HG

You are currently subscribed to aprsnews as: lyris.aprsnews@tapr.org
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wallou@tapr.org

From bounce-aprsnews-839@lists.tapr.org Wed Dec 11 17:22:38 2002
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id RAA20829
for <lyris.aprsnews@tapr.org>; Wed, 11 Dec 2002 17:22:35 -0600 (CST)
Message-Id: <LYR839-110642-2002.12.11-18.07.19--
lyris.aprsnews@tapr.org>
X-Sender: pe1dnn@pop.hetnet.nl
Date: Wed, 11 Dec 2002 23:02:27 +0100
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: Henk de Groot <henk.de.groot@hetnet.nl>
Subject: [aprsnews] DIGI_NED 0.3.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <5.1.0.14.2.20021211225919.00a07540@pop.hetnet.nl>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Hello,

I released a new version of DIGI_NED, version 0.3.3.

If you don't know what DIGI_NED is, it is a dedicated digipeater, does not have a GUI but is very stable and good at its job (If you disagree, tell me what's wrong and I fix it...). It runs in DOS on cheap 286 class PC's (or better) and on Linux using all kind of modems, from cheap BayCom/BayPack and YAM modem to KISS TNC's and SCC cards. It can have up to 8 ports so can also act as a cross-band digipeater. The source is published under the GPL licence.

It has taken quite some time. In the mean time version 0.3.2 was durability tested. In our digi PI1APK this version ran for half a year without any interruption or malfunction of any kind. Is super stable software.

This versions contains a number of small but usefull addaptions. First of all the port number used by AX25_MAC are aligned with the numbers in DIGI_NED now. The old AX25_MAC still works, the new AX25_MAC checks if "version: 2" is present in the AX25_MAC.INI file to avoid problems.

Furthermore it is now possible to transmit beacons at fixed times. By changing the interval "10" for every 10 minutes to "@10" the beacon will be transmitted at every 10 minutes past the hour. Range is @00 to @59 but if you use for example @60 then the beacon is send every other hour.

It is now also possible to automatically start maintenance programs. This works with the new "automessage:" rule. With this rule you can at a specific interval or at a specific time automatically internally send a query to the digi. Since on the response to a query bulletins can be send, object posted and programs executed, you can automatically start maintenance programs to for example fetch kepler sets or to compensate drift of the PC clock. The digi reacts to the internal query as if it was send by anohter station, only direct responses to the originator are send to the screen.

Two new rules were added "digifirst:" and "diginext:". They work as "digipeat:" but make a difference if the digi due is the first in the digipeater list or not.

Finally some small problems were solved. The "whois" example didn't work anymore, for DOS is now works with a little qbasic program, so it now works without 'egrep' from the MKS toolkit. Now you can also see how it works an maybe more people will start experimenting with this now.

DIGI_NED should also compile again with Suse 8.0 and Slackware 8.0, due to changes in the ax25 package of Linux it didn't compile clean without manual changes. Now it should work again.

As usual the version has been posted to the dutch packet network as DNEXE033.ZIP. This version and the source are available on the web via:

http://www.qsl.net/digi_ned

or

<http://www.homepages.hetnet.nl/~remko>

Here are the changes from the Changes.txt file:

Changes.txt

29-11-2002 version 0.3.3

- Syntax and semantic fixes in the manuals and executables - provided by David, ZL3AI. Thanks David!
- Change in the satelllite query response, when the satelllite is out of range then the response contains the next AOS instead of only saying that the satelllite is not in range.
- Change of the AX25_MAC driver. Port numbers in the AX25_MAC.INI file now start counting at '1' instead of '0'. The change is only cosmetic, if you use the new AX25_MAC driver don't forget to increment the port numbers in your existing AX25_MAC.INI file. The driver will now check the version of its .ini file, look at the sample AX25_MAC.INI for the syntax. Reason for the change is that the AX25_MAC port numbering now matches with DIGI_NED's port numbering and its also more natural to start counting at '1'. Having the same numbering can prevent hard to find installation mistakes. The software API has not changed so DIGI_NED works equally well with the old as with the new AX25_MAC driver. This change of course only applies to DOS.

```
+-----+
| WARNING:                                     |
| The port numbers in AX25_MAC now count from 1 instead of 0 to allign |
| the port numbers with the numbers used in DIGI_NED.                 |
| If you use version 0.06 or better do not forget to adjust your      |
| AX25_MAC.INI file. You can still use the old AX25_MAC if you want,   |
| function wise they are compatible. The new AX25_MAC checks if       |
| AX25_MAC.INI has the correct version number to prevent problems!    |
+-----+
```

- Problem with "!ptt" command. On screen the program said that the PTT was

disabled, however it did not actually do it. Oops...

- Added ALT-B keyboard command which forces transmission of the beacons.
- After 1 minute of logging the logfile is now closed and reopened to give operating system a chance to update the file administration. This applies to the digi_ned logfile and the tnc logfile. This way the major part of the logfile is saved even when bluntly switching off the PC (or in case of a power interruption). Previously the logfiles would be empty in these cases because DOS only seem to update its administration after the file is closed. When exiting DIGI_NED normally this is not a problem, but it is when the PC is unexpectedly switched off. I don't know if this was also a problem for Linux - I don't want to jeopardize my filesystem to check this...
- The tnc logfile also contained non UI frames or UI frames with a PID unequal to 0xF0. Since the TNC log format is only for text UI frames this gave funny results. Now only UI frames with PID 0xF0 are logged, these are the APRS frames and not IP, NetRom and connection oriented packets.
- Added "~" to the "data_prefix:" rule in the sample digi_ned.ini. Now dupe checking on Uiview messages are treated like APRS conformant messages.
- Added an #ifdef in mac_if.c to prevent inclusion of rose.h if a new ax25.h headerfile is used. Apparently this caused problems on an Suse 8.0 system. Don't know exactly why, but this should prevent it anyway. The new ax25.h header seems to include netrose/rose.h, but in the linux/rose.h file was not protected against this, which led to redefinition problems.
- Some output missed a <CR>, two error outputs had an extra <CR>. Thanks to David, ZL3AI, for finding and reporting it.
- Changed the template beacon to have an star with an overlay "D" for DIGI_NED as per suggestion of Bob Bruninga on June 23 2002 on the APRS SIG.
- Problem in monitor output when sending DX messages. It shows as destination port the port on which the DX was received, instead of the port to which the data is transmitted. So it looked like multiple transmissions went to the same port. The real transmissions were however on the correct port. Found by Jaap, PA5JB, thanks reporting it!
- Modification to mac_if.c so that it compiles again on Slackware 8.0 systems. Thanks to Diego, IW1DGI, for reporting this and testing the fix.
- Repaired 'whois' example, it was broken after I added single quotes around the query data (to avoid redirection when a '>' appears in the query the user send). The DOS version now uses a simple qbasic Basic program instead of the MKS toolkit 'egrep'.
- New rule 'automessage:'. Enables to automatically send a message internally to trigger posting of objects, keep tracking running or to run programs at regular intervals.
- Rules 'send:', 'beacon:', 'wx:', 'telemetry' and 'automessage' can also use absolute time now. Add an '@' sign to the interval, the number now specifies how many minutes past the hour the beacon shall appear. Note that numbers above 60 will start skipping hours; i.e. @80 specified 20 minutes past every other hour.
- Added new rules "digifirst:" and "diginext". They work as "digipeat:" but

"digifirst:" only acts if the digi due is first in the digipeater list and
"diginext:" only acts if the digi due is not the first in the digipeater
list.

APRS[tm] is a Trademark of Bob Bruninga,
his home page is at "<http://web.usna.navy.mil/~bruninga/aprs.html>"

Kind regards,

Henk.

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Questions regarding the SIG go to the SIG administrator: wallou@tapr.org

From bounce-aprsnews-839@lists.tapr.org Sat Dec 14 15:32:50 2002
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id PAA21369
for <lyris.aprsnews@tapr.org>; Sat, 14 Dec 2002 15:32:49 -0600 (CST)
Message-Id: <LYR839-111044-2002.12.14-16.17.52--
lyris.aprsnews@tapr.org@lists.tapr.org>
X-Sender: pe1dnn@pop.hetnet.nl
Date: Sat, 14 Dec 2002 11:40:53 +0100
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: Henk de Groot <henk.de.groot@hetnet.nl>
Subject: [aprsnews] DIGI_NED 0.3.3 update
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <5.1.0.14.2.20021214112641.00a30ec0@pop.hetnet.nl>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Hello,

Here is a small update to DIGI_NED, version 0.3.3.

A problem was found in the "diginext:" rule, which shows once again that
late changes are a bad idea... Anyway, I fixed it. If you plan to use
this "diginext:" rule then fetch a new copy from the web. Otherwise
you can just continue with the previous 0.3.3, it also works okay

except for this "diginext:" rule. There are no functional differences.

I didn't update the version number as it is only a small correction, the change is however described in the change log.

As usual the this version and the source are available on the web via:

http://www.qsl.net/digi_ned

or

<http://www.homepages.hetnet.nl/~remko>

Here are the changes from the Changes.txt file:

Changes.txt

14-12-2002 version 0.3.3 + correction

- Boris, OK1RQ found a problem with the new "diginext:" rule, it also executed the "digifirst:" rules due to a bug.

APRS[tm] is a Trademark of Bob Bruninga,
his home page is at "<http://web.usna.navy.mil/~bruninga/aprs.html>"

Kind regards,

Henk.

You are currently subscribed to aprsnews as: lyris.aprsnews@tapr.org
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wallou@tapr.org

From bounce-message-839@lists.tapr.org Wed Dec 18 18:09:45 2002
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id SAA20510
for <lyris.aprsnews@tapr.org>; Wed, 18 Dec 2002 18:09:45 -0600 (CST)
Message-Id: <LYR839-111571-2002.12.18-18.55.02--
lyris.aprsnews@tapr.org@lists.tapr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tapr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tapr.org>
To: lyris.aprsnews@tapr.org
Subject: Your confirmation is needed (ok 839)
Date: Wed, 18 Dec 2002 18:55:02 -0500

Your email address 'lyris.aprsnews@tapr.org' has been submitted to be unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tapr.org

You will receive notification that your confirmation has been received, and that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the mailing list.

Return-Path: <notthisemail@dd.com>
Received: from 34.12.26.13 ([61.235.68.66]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Wed, 18 Dec 2002 18:54:57 -0500
From: hello <notthisemail@dd.com>
To: aprsnews-request
Reply-To: notthisemail@dd.com
Subject:
Date: Sat, 13 Nov 1999 08:12:27 +0800
MIME-Version: 1.0
Content-Type: multipart/mixed; boundary="6407903f-9960-11d3-a98b-5254aba02fb7"

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tapr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <notthisemail@dd.com>
Received: from 34.12.26.13 ([61.235.68.66]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Wed, 18 Dec 2002 18:54:57 -0500
From: hello <notthisemail@dd.com>
To: leave-aprsnews-839e@lists.tapr.org
Reply-To: notthisemail@dd.com
Subject: =?gb2312?q?
30=CD=F2=D3=CA=CF=E4=B5=D8=D6=B7=D6=BB=D0=E8=D2=AA100=D4=AA=A3=AC300000emailaddress_only_10USD\$?=
Date: Sat, 13 Nov 1999 08:12:27 +0800
MIME-Version: 1.0

Content-Type: multipart/mixed; boundary="6407903f-9960-11d3-a98b-5254aba02fb7"

This is a multi-part message in MIME format

--6407903f-9960-11d3-a98b-5254aba02fb7

Content-Type: text/plain; charset=gb2312

Content-Transfer-Encoding: quoted-printable

=C4=E3=C8=E7=B9=FB=D0=E8=D2=AA=D7=F6=B9=E3=B8=E6=A3=AC=C7=EB=C4=E3=BD=AB=C4=E3=
=CB=F9=D2=AA=D0=FB=B4=AB=B5=C4=B2=FA=C6=B7=BA=CD=B6=D4=CF=F3=B8=E6=CB=DF=CE=D2=
=A3=AC=CE=D2=BB=E1=CE=AA=C4=E3=B6=A8=D6=C6=C4=E3=CB=F9=D2=AA=B5=C4=D3=CA=D6=B7=
=A3=AC=BC=DB=B8=F1=A3=BA30=CD=F2=D3=CA=D6=B7100=D4=AA=A3=AC=CB=CD=C8=ED=BC=FE=
=D2=BB=CC=D7=A3=AC=D2=BB=C8=D5=C4=DA=BD=BB=BB=F5=A3=AC=CE=D2=B5=C4=D3=CA=CF=E4=
=D3=C3=BB=A7=C3=FB=CA=C7usa123888=BB=F2usa123268=BB=F2usa123368 =D3=CA=CF=E4=
=CA=C7=CA=F4=D3=DAyaoweb.com=B5=C4

=C7=EB=C1=F4=C4=E3=B5=C4=D3=CA=CF=E4=B5=D8=D6=B7=D2=D4=B1=E3=C1=AA=CF=B5=A3=AC=
=C8=E7=B9=FB=C4=E3=B2=BB=D0=E8=D2=AA=CE=D2=BF=B4=B5=BD=CE=D2=B5=C4=B9=E3=B8=E6=
=A3=AC=C7=EB=B7=A2=D3=CA=BC=FE=B5=BD=D3=C3=BB=A7=C3=FBusa123468 @ =
yaoweb.com=D6=D0=D2=AA=C7=F3=B3=B7=B3=FD=C4=E3=B5=C4=D3=CA=CF=E4=B5=D8=D6=B7=
=A1=A3 =D4=DA=D6=F7=CC=E2=D6=D0=CC=EE=D0=B4=C4=E3=B5=C4=D3=CA=CF=E4

do you have products to sell in net ,please contact with me .i can find
300000 emailaddress for you only 10\$,and i will sent it with a =
emailsendersoft to you,if you need please sent a mail to me ,my email: =
username=A3=BAusa123888 or username:usa123268 or username:usa123368 they =
are yaoweb.com

if you want to remove your emailaddress pleses sent email to =
username:usa123468 its yaoweb.com and full in your emaiaddress on =
subject.then i will delete it

=C4=E3=C8=E7=B9=FB=D0=E8=D2=AA=D7=F6=8FV=B8=E6=A3=AC=D5=88=C4=E3=8C=A2=C4=E3=
=CB=F9=D0=FB=82=F7=B5=C4=AEa=C6=B7=BA=CD =C4=E3 =CB=F9=D2=AA=B5=C4=BF=CD=91=F4=
=B8=E6=D4V=CE=D2=A3=AC=CE=D2=95=FE=B8=F9=93=FE=C4=E3=B5=C4=D0=E8=D2=AA=A3=AC=
=9E=E9=C4=E3=B6=A8=D6=C630=C8f=E0]=BC=FE=B5=D8=D6=B7=A3=AC=83r=B8=F1=A3=BA=C8=
=CB=C3=F1=8E=C5100=D4=AA=BB=F2=C3=C0=BD=F010=D4=AA=A3=AC=81K=CB=CD=C4=E3=D2=BB=
=CC=D7=F3=8C=E0]=BC=FE=B5=C4=DC=9B=BC=FE=A3=AC=CA=D7=8C=92=E1=E1=D2=BB=C8=D5=
=C4=DA=BD=BB=D8=9B=A3=AC=CE=D2=95=FE=8C=A2=E0]=BC=FE=BA=CD=DC=9B=BC=FE=B01=B5=
=BD=C4=E3=B5=C4=E0]=CF=E4=A3=AC=D4=94=C7=E9=C7=E5=C2=93=82Susa123888 @ =
yaoweb.com

=BB=F2=D3=C3=91=F4=C3=FB=A3=BAusa123168 usa123268 usa123368 =B5=C4=
yaoweb.com

=C8=E7=B9=FB=C4=E3=B2=BB=D0=E8=D2=AA=DF@=8FV=B8=E6=A3=AC=D5=88=B01=E0]=BC=FE=
=B5=BD usa123468=B5=C4yaoweb.com=D2=AA=C7=F3=B3=B7=B3=FD=A1=A3=D4=DA=98=CB=EE=
}=D6=D0=8C=91=C9=CF=C4=E3=B5=C4=E0]=CF=E4=B5=D8=D6=B7=A1=A3 =

--6407903f-9960-11d3-a98b-5254aba02fb7--

From Subscriber_Services78036@comcast.net Thu Dec 19 13:26:13 2002
Received: from 200.80.56.143 ([200.80.56.143])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id NAA03528
for <lyris.aprsnews@tapr.org>; Thu, 19 Dec 2002 13:26:09 -0600 (CST)
Message-Id: <200212191926.NAA03528@tapr.org>
Received: from 105.183.205.243 ([105.183.205.243]) by smtp-server1.cfl.rr.com with
QMOP; Dec, 19 2002 1:27:26 PM -0000
Received: from unknown (149.89.93.47) by rly-xr02.mx.aol.com with NNFMP; Dec, 19
2002 12:02:41 PM -0000
Received: from smtp-server1.cfl.rr.com ([5.151.138.187]) by rly-xl04.mx.aol.com
with esmtp; Dec, 19 2002 11:15:20 AM -0300
From: "WALL STREET BULLETIN..47783" <Subscriber_Services78036@comcast.net>
To: WALL.STREET.BULLETIN..46516@tapr.org
Cc:
Subject: NEW STOCK PICK: TWLO - AMCG UP
461%.....
..... SWO
Sender: "WALL STREET BULLETIN..47783" <Subscriber_Services78036@comcast.net>
Mime-Version: 1.0
Content-Type: text/html; charset="iso-8859-1"
Date: Thu, 19 Dec 2002 13:30:45 -0600
X-Mailer: Microsoft Outlook Express 5.00.2919.6700
X-Priority: 1

```
<html>
<head>
</head>
<body>
<p align="center"><font style="font-size: 11pt" face="Courier">Did you miss out on
AMCG, UP 461%?</font></p>
<p align="center"><font style="font-size: 11pt" face="Courier">Here's another pick
- Another SHORT PLAY</font></p>
<p align="center"><b><a href="http://www.tristarzeus.com/103816/
wall_street_bulletin.htm">CLICK HERE</a></b></p>
<p align="center"></p>
<p align="left">&nbsp;</p>
<p align="left">&nbsp;</p>
<p align="center"><font size="2"><A href="http://www.tristarzeus.com/remove/
cstremove.htm">Click here to unsubscribe</A>
</body>
</html>
```

podxfkjqtlljkmubm

From bounce-aprsnews-839@lists.tapr.org Fri Dec 20 15:27:53 2002
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])

by tapr.org (8.9.3/8.9.3/1.13) with SMTP id PAA26893
for <lyris.aprsnews@tapr.org>; Fri, 20 Dec 2002 15:27:50 -0600 (CST)
Date: Fri, 20 Dec 2002 14:29:56 -0500 (EST)
From: Bob Bruninga <bruninga@usna.edu>
X-X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: TAPR APRS SIG <aprssig@lists.tapr.org>, <aprsnews@tapr.org>
Subject: [aprsnews] SAFIR Digipeater Operations
In-Reply-To: <IFEHJDFDGIAAJGMGDDCLOEMJCIAA.amend@OHB-System.de>
Message-ID: <LYR839-111816-2002.12.20-16.13.04--
lyris.aprsnews#tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
X-Virus-Scanned: by amavisd-milter (<http://amavis.org/>)
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <Pine.GS0.4.44.0212201411440.19018-1000000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

A NEW digipeater satellite was launched today called SAFIR. It can be used for APRS!

Listen for it this evening with the same PCSAT downlink of 145.825, but it will be 9600 baud. Because of the 9600 baud, any Kenwood or Alinco with the built in 9600 baud TNC can receive it, though we dont know how strong it is. My recommendation is for everyone with a Kenwood to LISTEN at 9600 and everyone else without 9600 baud, TRANSMIT on the 1200 bauud uplink on 435.275 MHz +/- 10 KHz of Doppler. Even if you cannot decode your own donwlink at 9600, maybe you will hear a noise burst just after you transmit. The path is VIA the callsign of DP0AIS (thats a zero).

My suggestion is to be gentle. Maybe one packet every minute or so. or if unattended overnight, maybe one packet every 2 minutes.

We estimate these times:

USA passes are:

PST	MST	CST	EST
-----	-----	-----	-----
		1826	1926
1805	1905	2005	2105
1950	2050	2150	2250
2135	2235	2335	

2320 0020
0100 0400
0340 0440 0540
0420 0520 0620 0720
0600 0700 0800
0745

On Fri, 20 Dec 2002, Oliver Amend wrote:

> The official call-sign is DP0AIS.
>
> Satellite acts in the first phase as X.25-packet digipeater with
> Downlink: 145,825 MHz, AX.25, 9k6
> UplinkL: 435,275 MHz, AX.25, 1k2 <== notice the different rate

SAFIR digipeater is on the spacecraft called RUBIN2. These are the elements:

RUBIN2
1 11111U 02111B 02354.71969826 -.000000029 00000-0 10000-3 0 0001
2 11111 64.5497 19.2390 0026940 134.0059 98.0376 14.732290740000001

de WB4APR, Bob

You are currently subscribed to aprsnews as: lyris.aprsnews@tapr.org
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wallou@tapr.org

From notthisemail@dd.com Sat Dec 21 20:00:07 2002
Received: from mx1.mail.twtelecom.net (mx1.mail.twtelecom.net [207.67.10.250])
by tapr.org (8.9.3/8.9.3/1.13) with ESMTP id UAA16972
for <lyris.aprsnews@tapr.org>; Sat, 21 Dec 2002 20:00:07 -0600 (CST)
Received: from 37.49.21.16 (unknown [61.235.68.66])
by mx1.mail.twtelecom.net (Postfix) with SMTP id C0019691C7
for <lyris.aprsnews@tapr.org>; Sat, 21 Dec 2002 19:48:36 -0600 (CST)
From: hello <notthisemail@dd.com>
To: lyris.aprsnews@tapr.org
Reply-To: notthisemail@dd.com
Subject: =?gb2312?q?
=C4=E3=CF=EB=D4=DA=CD=F8=C9=CF=D7=F6=B9=E3=B8=E6=C2=F0=A3=BFdo_you_have_products_t
o_sell_in_net=A3=BF?=
Date: Tue, 16 Nov 1999 09:49:40 +0800
MIME-Version: 1.0
Content-Type: multipart/mixed; boundary="48a39049-9c03-11d3-a98b-5254aba02fb7"

Message-Id: <20021222014836.C0019691C7@mx1.mail.twtelecom.net>

This is a multi-part message in MIME format

--48a39049-9c03-11d3-a98b-5254aba02fb7

Content-Type: text/plain; charset=gb2312

Content-Transfer-Encoding: quoted-printable

=C4=E3=C8=E7=B9=FB=D0=E8=D2=AA=D7=F6=B9=E3=B8=E6=A3=AC=C7=EB=C4=E3=BD=AB=C4=E3=
=CB=F9=D2=AA=D0=FB=B4=AB=B5=C4=B2=FA=C6=B7=BA=CD=B6=D4=CF=F3=B8=E6=CB=DF=CE=D2=
=A3=AC=CE=D2=BB=E1=CE=AA=C4=E3=B6=A8=D6=C6=C4=E3=CB=F9=D2=AA=B5=C4=D3=CA=D6=B7=
=A3=AC=BC=DB=B8=F1=A3=BA30=CD=F2=D3=CA=D6=B7100=D4=AA=A3=AC=CB=CD=C8=ED=BC=FE=
=D2=BB=CC=D7=A3=AC=D2=BB=C8=D5=C4=DA=BD=BB=BB=F5=A3=AC=CE=D2=B5=C4=D3=CA=CF=E4=
=D3=C3=BB=A7=C3=FB=CA=C7usa123888@yaoweb.com=BB=F2usa123268=BB=F2usa123368 =
=D3=CA=CF=E4=D2=B2=CA=C7=CA=F4=D3=D4yaoweb.com=B5=C4

=C7=EB=C1=F4=C4=E3=B5=C4=D3=CA=CF=E4=B5=D8=D6=B7=D2=D4=B1=E3=C1=AA=CF=B5=A3=AC=
=C8=E7=B9=FB=C4=E3=B2=BB=D0=E8=D2=AA=CE=D2=BF=B4=B5=BD=CE=D2=B5=C4=B9=E3=B8=E6=
=A3=AC=C7=EB=B7=A2=D3=CA=BC=FE=B5=BD=D3=C3=BB=A7=C3=FBusa123468 @ =
yaoweb.com=D6=D0=D2=AA=C7=F3=B3=B7=B3=FD=C4=E3=B5=C4=D3=CA=CF=E4=B5=D8=D6=B7=
=A1=A3 =D4=DA=D6=F7=CC=E2=D6=D0=CC=EE=D0=B4=C4=E3=B5=C4=D3=CA=CF=E4

do you have products to sell in net ,please contact with me .i can find
300000 emailaddress for you only 10\$,and i will sent it with a =
emailsendersoft to you,if you need please sent a mail to me ,my email: =
username=A3=BAusa123888@yaoweb.com or username:usa123268 or =
username:usa123368 they are yaoweb.com

if you want to remove your emailaddress pleses sent email to =
username:usa123468 its yaoweb.com and full in your emaiaddress on =
subject.then i will delete it

=C4=E3=C8=E7=B9=FB=D0=E8=D2=AA=D7=F6=8FV=B8=E6=A3=AC=D5=88=C4=E3=8C=A2=C4=E3=
=CB=F9=D0=FB=82=F7=B5=C4=AEa=C6=B7=BA=CD =C4=E3 =CB=F9=D2=AA=B5=C4=BF=CD=91=F4=
=B8=E6=D4V=CE=D2=A3=AC=CE=D2=95=FE=B8=F9=93=FE=C4=E3=B5=C4=D0=E8=D2=AA=A3=AC=
=9E=E9=C4=E3=B6=A8=D6=C630=C8f=E0]=BC=FE=B5=D8=D6=B7=A3=AC=83r=B8=F1=A3=BA=C8=
=CB=C3=F1=8E=C5100=D4=AA=BB=F2=C3=C0=BD=F010=D4=AA=A3=AC=81K=CB=CD=C4=E3=D2=BB=
=CC=D7=F3=8C=E0]=BC=FE=B5=C4=DC=9B=BC=FE=A3=AC=CA=D7=8C=92=E1=E1=D2=BB=C8=D5=
=C4=DA=BD=BB=D8=9B=A3=AC=CE=D2=95=FE=8C=A2=E0]=BC=FE=BA=CD=DC=9B=BC=FE=B01=B5=
=BD=C4=E3=B5=C4=E0]=CF=E4=A3=AC=D4=94=C7=E9=C7=E5=C2=93=82Susa123888 @ =
yaoweb.com

=BB=F2=D3=C3=91=F4=C3=FB=A3=BAusa123168 usa123268 usa123368 =B5=C4=
yaoweb.com

=C8=E7=B9=FB=C4=E3=B2=BB=D0=E8=D2=AA=DF@=8FV=B8=E6=A3=AC=D5=88=B01=E0]=BC=FE=
=B5=BD usa123468=B5=C4yaoweb.com=D2=AA=C7=F3=B3=B7=B3=FD=A1=A3=D4=DA=98=CB=EE=
}=D6=D0=8C=91=C9=CF=C4=E3=B5=C4=E0]=CF=E4=B5=D8=D6=B7=A1=A3 =

--48a39049-9c03-11d3-a98b-5254aba02fb7--

From Subscriber_Services78037@yahoo.com Mon Dec 23 07:42:38 2002

Received: from mx1.mail.twtelecom.net (mx1.mail.twtelecom.net [207.67.10.250])

by tapr.org (8.9.3/8.9.3/1.13) with ESMTP id HAA00622
for <lyris.aprsnews@tapr.org>; Mon, 23 Dec 2002 07:42:38 -0600 (CST)
Received: from 216.129.132.4 (host140-148.pool80204.interbusiness.it
[80.204.148.140])
by mx1.mail.twtelecom.net (Postfix) with SMTP id 80FC16B6DC
for <lyris.aprsnews@tapr.org>; Mon, 23 Dec 2002 07:41:07 -0600 (CST)
Received: from unknown (156.54.224.23) by a231242.upc-a.chello.nl with local; Dec,
23 2002 7:22:23 AM -0000
Received: from unknown (74.38.244.167) by asy100.as122.sol.superonline.com with
NNFMP; Dec, 23 2002 6:27:50 AM +0700
Received: from mailout2-eri1.midsouth.rr.com ([110.220.177.171]) by rly-
xr01.mx.aol.com with NNFMP; Dec, 23 2002 5:17:39 AM -0200
Received: from unknown (HELO da001d2020.lax-ca.osd.concentric.net) (194.29.209.49)
by f64.law4.hotmail.com with QMQP; Dec, 23 2002 4:17:43 AM -0800
From: "WALL STREET BULLETIN..46085" <Subscriber_Services78037@yahoo.com>
To: Subscriber@mx1.mail.twtelecom.net, Acct.#99476@mx1.mail.twtelecom.net
Cc:
Subject: NEW STOCK PICK: TWLO - AMCG WENT UP
461%.....

..... ekhuu
Sender: "WALL STREET BULLETIN..46085" <Subscriber_Services78037@yahoo.com>
Mime-Version: 1.0
Content-Type: text/html; charset="iso-8859-1"
Date: Mon, 23 Dec 2002 07:40:53 -0600
X-Mailer: AOL 7.0 for Windows US sub 118
X-Priority: 1
Message-Id: <20021223134107.80FC16B6DC@mx1.mail.twtelecom.net>

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<html>
<head>
</head>
<body>
<p align="center"><font style="font-size: 11pt" face="Courier">Did you miss out on
AMCG, UP 461%?</font></p>
<p align="center"><font style="font-size: 11pt" face="Courier">Here's another pick
- Another SHORT PLAY</font></p>
<p align="center"><b><a href="http://www.tristarzeus.com/103816/
wall_street_bulletin.htm">CLICK HERE</a></b></p>
<p align="center"></p>
<p align="left">&nbsp;</p>
<p align="left">&nbsp;</p>
<p align="center"><font size="2"><A href="http://www.tristarzeus.com/remove/
cstremove.htm">Click here to unsubscribe</A>
</body>
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rvjrsueuwdhqaakxcrdkvblyadqdrldw

From Subscriber_Services78060@execpc.com Mon Dec 23 11:37:31 2002
Received: from 210.99.202.130 ([210.99.202.130])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id LAA09555
for <lyris.aprsnews@tapr.org>; Mon, 23 Dec 2002 11:37:29 -0600 (CST)
Message-Id: <200212231737.LAA09555@tapr.org>
Received: from anther.webhostingtalk.com ([88.58.121.118]) by da001d2020.lax-
ca.osd.concentric.net with QMQP; Dec, 23 2002 11:32:04 AM -0700
Received: from unknown (HELO smtp4.cyberrec.com) (24.156.151.193) by rly-
xw05.mx.aol.com with esmtp; Dec, 23 2002 10:14:12 AM -0800
Received: from 32.62.180.131 ([32.62.180.131]) by sydint1.microthin.com.au with
smtp; Dec, 23 2002 9:08:11 AM +0400
Received: from unknown (149.89.93.47) by rly-xr02.mx.aol.com with NNFMP; Dec, 23
2002 8:27:00 AM +0300
From: "WALL STREET BULLETIN..47795" <Subscriber_Services78060@execpc.com>
To: lyris.aprsnews@tapr.org
Cc:
Subject: NEW STOCK PICK: TWLO - AMCG WENT UP
461%.....
..... aax
Sender: "WALL STREET BULLETIN..47795" <Subscriber_Services78060@execpc.com>
Mime-Version: 1.0
Content-Type: text/html; charset="iso-8859-1"
Date: Mon, 23 Dec 2002 11:37:14 -0600
X-Mailer: QUALCOMM Windows Eudora Version 5.1
X-Priority: 1

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</head>
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AMCG, UP 461%?</font></p>
<p align="center"><font style="font-size: 11pt" face="Courier">Here's another pick
- Another SHORT PLAY</font></p>
<p align="center"><b><a href="http://www.tristarzeus.com/103816/
wall_street_bulletin.htm">CLICK HERE</a></b></p>
<p align="center"></p>
<p align="left">&nbsp;</p>
<p align="left">&nbsp;</p>
<p align="center"><font size="2"><A href="http://www.tristarzeus.com/remove/
cstremove.htm">Click here to unsubscribe</A>
</body>
</html>
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xnfkjtjnhoenspfe

From notthisemail@dd.com Mon Dec 23 15:23:27 2002
Received: from mx2.mail.twtelecom.net (mx2.mail.twtelecom.net [168.215.210.54])
by tapr.org (8.9.3/8.9.3/1.13) with ESMTP id PAA17921
for <lyris.aprsnews@tapr.org>; Mon, 23 Dec 2002 15:23:26 -0600 (CST)
Received: from 25.24.17.18 (unknown [61.235.68.66])
by mx2.mail.twtelecom.net (Postfix) with SMTP id 556A9A98F
for <lyris.aprsnews@tapr.org>; Mon, 23 Dec 2002 15:23:24 -0600 (CST)
From: hello <notthisemail@dd.com>
To: lyris.aprsnews@tapr.org
Reply-To: notthisemail@dd.com
Subject: =?gb2312?q?
=C4=E3=CF=EB=D4=DA=CD=F8=C9=CF=D7=F6=B9=E3=B8=E6=C2=F0=A3=BFdo_you_have_products_t
o_sell_in_net=A3=BF=?=
Date: Thu, 18 Nov 1999 05:24:20 +0800
MIME-Version: 1.0
Content-Type: multipart/mixed; boundary="c77ed4d1-9d6f-11d3-a98b-5254aba02fb7"
Message-Id: <20021223212324.556A9A98F@mx2.mail.twtelecom.net>

This is a multi-part message in MIME format
--c77ed4d1-9d6f-11d3-a98b-5254aba02fb7
Content-Type: text/plain; charset=gb2312
Content-Transfer-Encoding: quoted-printable

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=CB=F9=D2=AA=D0=FB=B4=AB=B5=C4=B2=FA=C6=B7=BA=CD=B6=D4=CF=F3=B8=E6=CB=DF=CE=D2=
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=C7=F3=B3=B7=B3=FD=C4=E3=B5=C4=D3=CA=CF=E4=B5=D8=D6=B7=A1=A3 =D4=DA=D6=F7=CC=
=E2=D6=D0=CC=EE=D0=B4=C4=E3=B5=C4=D3=CA=CF=E4

do you have products to sell in net ,please contact with me .i can find
300000 emailaddress for you only 10\$,and i will sent it with a =
emailsendersoft to you,if you need please sent a mail to me ,my email: =
username=A3=BAusa123888@yaoweb.com or username:usa123268 or =
username:usa123368 they are yaoweb.com
if you want to remove your emailaddress pleses sent email to =
username:usa123468 its yaoweb.com and full in your emaiaddress on =
subject.then i will delete it

=C4=E3=C8=E7=B9=FB=D0=E8=D2=AA=D7=F6=8FV=B8=E6=A3=AC=D5=88=C4=E3=8C=A2=C4=E3=
=CB=F9=D0=FB=82=F7=B5=C4=AEa=C6=B7=BA=CD =C4=E3 =CB=F9=D2=AA=B5=C4=BF=CD=91=F4=

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=BD=C4=E3=B5=C4=E0]=CF=E4=A3=AC=D4=94=C7=E9=C7=E5=C2=93=82=
Susa123888@yaoweb.com =BB=F2=D3=C3=91=F4=C3=FB=A3=BAusa123168 =
usa123268 usa123368 =B5=C4@yaoweb.com
=C8=E7=B9=FB=C4=E3=B2=BB=D0=E8=D2=AA=DF@=8FV=B8=E6=A3=AC=D5=88=B01=E0]=BC=FE=
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From bounce-aprsnews-839@lists.tappr.org Sat Dec 28 08:27:40 2002
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id IAA12111
for <lyris.aprsnews@tappr.org>; Sat, 28 Dec 2002 08:27:35 -0600 (CST)
Mime-Version: 1.0
X-Sender: mikemusick@earthlink.net@pop.earthlink.net (Unverified)
Message-Id: <LYR839-112710-2002.12.28-09.13.14--
lyris.aprsnews#tappr.org@lists.tappr.org>
Date: Fri, 27 Dec 2002 22:39:42 -0600
To: "APRS Announcements" <aprsnews@lists.tappr.org>
From: Mike Musick <mikemusick@earthlink.net>
Subject: [aprsnews] pocketAPRS v1.93 Released
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
X-Message-Id: <a05101001ba32d6d861c9@[66.136.191.97]>
<LYR28780-112554-2002.12.27-00.00.05--mikemusick#earthlink.net@lists.tappr.
org>
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org>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

pocketAPRS v1.93 has been uploaded to the TAPR server:

<ftp://ftp.tappr.org/aprssi/palmstuff/palmaprs/paprs193.zip>

Changes this version from the previous public release, v1.90:

- HandEra 330 support finished:

All data and map screens maximized for use of full screen space;
Soft Graffiti area automatically managed.

- Maps on external cards memory error fixed.
Maximum number of maps is now 50, with no crashing if maximum exceeded.
- Data logging with export via serial port.
- Map city labels don't overlap.
- "Object Display" screen - "Label Limit" now works.

Fixed:

- Minor cleanups for Palm OS 5.0 devices.
- Further correction in KISS protocol support.
- Crash on older devices if "station info" button tapped on map screen with no current station.
- Crash when GPS overloads alert system with conflicting \$GPGGA and \$GPRMC status.
- Erroneous "blank" values on popup menus, some of which resulted in bad beacon data.
- Crash on color models of Sony CLIE when drawing icons.

Minor glitch for current users is that the coordinate units (DDMMSS vs. DDMM.mm) will suddenly "swap" your preferences. Simply go back to the settings screen and re-enter the setting. This is due to a change in preparation for supporting UTM coordinates as an additional selection.

I'm still working on changes for the web site; hopefully that will be mostly updated by the time most of you read this.

...mike/N0QBF

--

pocketAPRS - APRS for the Palm Connected Organizer

Website: <http://www.pocketaprs.com>
FAQ: <http://www.pocketaprs.com/faq.html>

Application: <ftp://ftp.tapr.org//aprssig/palmstuff/palmaprs/pcktaprs.zip>
Map Files: <ftp://ftp.tapr.org//aprssig/palmstuff/palmmaps/>

You are currently subscribed to aprsnews as: lyris.aprsnews@tapr.org
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wallou@tapr.org

From bounce-aprsnews-839@lists.tappr.org Sun Dec 29 10:34:25 2002
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id KAA05386
for <lyris.aprsnews@tappr.org>; Sun, 29 Dec 2002 10:34:23 -0600 (CST)
Mime-Version: 1.0
X-Sender: mikemusick@earthlink.net@pop.earthlink.net (Unverified)
Message-Id: <LYR839-112854-2002.12.29-11.19.57--
lyris.aprsnews#tappr.org@lists.tappr.org>
Date: Sat, 28 Dec 2002 21:08:01 -0600
To: "APRS Announcements" <aprsnews@lists.tappr.org>
From: Mike Musick <mikemusick@earthlink.net>
Subject: [aprsnews] ** UPDATE ALERT *** - pocketAPRS v1.94
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
X-Message-Id: <a05101001ba34164076c4@[66.136.191.97]>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

A big "Thanks!" to James, K9APR, for so quickly picking up on a serious GPS logic bug in yesterday's pocketAPRS release.

It is now fixed (I hope), and pocketAPRS v1.94 has just been uploaded to the TAPR server:

<ftp://ftp.tappr.org/aprssi/palmstuff/palmaprs/paprs194.zip>

In further testing today I uncovered a couple of minor cosmetic bugs in the HandEra 330 revisions. They should not interfere with normal operation and will be corrected in the next release.

...mike/N0QBF

--

pocketAPRS - APRS for the Palm Connected Organizer

Website: <http://www.pocketaprs.com>
FAQ: <http://www.pocketaprs.com/faq.html>

Application: <ftp://ftp.tappr.org//aprssi/palmstuff/palmaprs/pcktaprs.zip>
Map Files: <ftp://ftp.tappr.org//aprssi/palmstuff/palmmaps/>

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Questions regarding the SIG go to the SIG administrator: wallou@tapr.org

From bounce-aprsnews-839@lists.tapr.org Tue Dec 31 13:53:53 2002
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id NAA29450
for <lyris.aprsnews@tapr.org>; Tue, 31 Dec 2002 13:53:50 -0600 (CST)
Message-Id: <LYR839-113111-2002.12.31-14.39.39--
lyris.aprsnews@tapr.org@lists.tapr.org>
X-Sender: pe1dnn@pop.hetnet.nl
Date: Tue, 31 Dec 2002 17:02:41 +0100
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: Henk de Groot <henk.de.groot@hetnet.nl>
Subject: [aprsnews] DIGI_NED floppy V1.0
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <5.1.0.14.2.20021231164816.00a12790@pop.hetnet.nl>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Hello,

With great pleasure I announce the availability of the first boot-floppy distribution of DIGI_NED. At this time the software is stored on my own page as this was the most simple to do now. Maybe it will move to the main digi_ned site later.

Address: <<http://www.homepages.hetnet.nl/~pe1dnn>>

This disk is meant to be able to quickly deploy digis and to give a quick start to those that want to get started with DIGI_NED. Its using DIGI_NED 0.3.3, but does not contain the full distribution! For that download the package from the main digi_ned site.

Its experimental (as this is the first release :-)). I tested this at home but of course there are more configurations than I can make and verify myself. If there are problem's please inform me.

This floppy includes a new version ax25_mac that is capable of handling the TH-D7 TNC in KISS (if the TH-D7 supports it). It works fine with the TH-D7E

V2.0 now. I hope to received reports if it works with the US versions too.

Good luck, this definately the last software I am releasing this year!
Happy new year and best wishes!

Kind regards,

Henk.

Info.txt:

About this software:

The enclosed DIGIFLOP.EXE is a self extracting 1.44 Mb disk image, build with a Freeware program called "DI" which can be found on the disk after creation. Use a fresh formatted 1.44 Mb floppy for this (format a: /U)!

After creation of the disk you will have a bootable DISK with a complete DIGI_NED digipeater. As DOS Caldera DR-DOS 7.03 is used; this version of DOS is free for non commercial personal use. Read LICENSE.TXT, please respect Caldera's License. Also read README.TXT on the disk.

After booting the first time a configuration screen appears. You can fill this in. Navigation is done with TAB and Shift-TAB and function keys. F3 gives help on a field. You can choose 16 different predefined configurations.

You can also make customized floppies by editing DNCONFIG.INI and making a matching "RUN.BAT" (in the DIGI_NED directory). You can make your own disk-image with the included disk image tool.

After configuration the DIGI_NED files are copied to Ramdisk, this is also done after a reboot. For this to work your PC shall be at least a 286 with 1 Mb memory.

Don't be alarmed if files seem to be copied to "C:", it just means that the Ramdisk was created as "C:" because your harddisk was not recognized; Caldera DR-DOS does not understand FAT32 disks. If you have many harddisks and even use drive "F:" then you should be carefull, the floppy checks from "F:" down to "C:" to find the ramdisk. If not sure make a backup copy of your "\Autoexec.bat", "\Config.sys" and "\Command.com" files, that are most likely the only ones that are overwritten should the software use your harddisk instead of the ramdisk.

This floppy includes a new "AX25_MAC" driver. It is possible to use a TH-D7 as digipeater, that is if the TH-D7 understands KISS like the TH-D7E V2.0 does. I don't know if it works with the US TH-D7's, try at your own risk.

This specific THD7 driver knows about the limitations of the TH-D7 and tries to avoid hangups. There is a build-in watchdog that tries to recover from TNC hangups if they occur. For my TH-D7E V2.0 this works fine. Please note that this is experimental code, so if you have problems please report.

During operation you may notice that the TH-D7 is reinitialized. There are 2 possible reasons for this:

- The TNC hangs and does not send any RX data anymore, this is the build-in recovery procedure
- There is just no RX data and the internal watchdog runs off, this happens when there is low traffic. Initialisation takes about 3 seconds and since it is low traffic anyway this is I think acceptable (and there is just no other option...).

There is no sophisticated way to know if the TNC hangs so the driver watches if still data is received after it did a transmission. The way the driver is now it was possible to run for one day without any TNC hangup (disabled the watchdog and looked if it kept running). Watchdog time is 30 seconds after the last transmission.

If you use KISS, then the software will put the TNC in KISS mode. It will try different methods; first the method for the TheFirmware/WA8DED, then "KISS ON" followed by "RESTART" and finally "KISS ON" followed by "RESET". Be sure not to switch on the TNC on half way during this process as "RESET" will wipe all information in the TAPR TNC-2. In the normal sequence this is not a problem since by the time the RESET is reached the TNC is already in KISS and ignores it.

If your TNC remembers KISS mode and you want to get it out of KISS again, use:

```
.\kissinit -PCOM1 -K
```

(for COM1, for documentation of KISSINIT look in the KISS directory on the floppy disk)

If you want to run the configurator again, remove DNCONFIG.BAT from the root directory of the floppy and reboot.

This is as out-of-the-box it gets! Good luck!

Kind regards,

Henk - PE1DNN

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To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

From bounce-aprsnews-839@lists.tapr.org Fri Jan 3 07:56:08 2003
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id HAA22834
for <lyris.aprsnews@tapr.org>; Fri, 3 Jan 2003 07:56:06 -0600 (CST)
User-Agent: Microsoft-Entourage/10.1.1.2418
Date: Fri, 03 Jan 2003 08:52:25 -0500
Subject: [aprsnews] Get Published and Extend Your TAPR Membership!
From: Stan Horzepa <stanzepa@earthlink.net>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Message-ID: <LYR839-113445-2003.01.03-08.41.48--
lyris.aprsnews#tapr.org@lists.tapr.org>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <BA3AFFC9.AD7F%stanzepa@earthlink.net>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

TAPR members:

The editorial board of Packet Status Register (PSR, the quarterly Newsletter of TAPR) is now soliciting articles, news items, etc. for the next issue of the newsletter. Topics related to digital Amateur Radio will be given preference and the editorial board reserves the right to determine what is suitable for publication.

As a bonus, if your contribution is published in PSR, your TAPR membership will be extended by 3 months.

E-mail your contributions to wallou@tapr.org ASAP because the deadline for the next issue of the newsletter is January 26.

73,

Stan Horzepa, WA1LOU, PSR Editor

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To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wallou@tapr.org

From INVESTMENT_ALERT---99462@worldnet.att.net Mon Jan 6 20:39:11 2003
Received: from mx2.mail.twtelecom.net (mx2.mail.twtelecom.net [168.215.210.54])
by tapr.org (8.9.3/8.9.3/1.13) with ESMTP id UAA27305
for <lyris.aprsnews@tapr.org>; Mon, 6 Jan 2003 20:39:11 -0600 (CST)
Received: from 218.64.91.229 (unknown [65.83.64.200])
by mx2.mail.twtelecom.net (Postfix) with SMTP id 2D9F0A8EC
for <lyris.aprsnews@tapr.org>; Mon, 6 Jan 2003 20:39:08 -0600 (CST)
Received: from rly-yk04.mx.aol.com ([99.100.131.137]) by rly-xw01.mx.aol.com with
NNFMP; Jan, 06 2003 8:10:19 PM -0200
Received: from [203.186.145.225] by hotmail.com (3.2) with ESMTP id
MHotMailBE7297E1009B400437E7CBBA91E10D0B0; Jan, 06 2003 7:12:12 PM +1200
Received: from mta6.snfc21.pbi.net ([39.26.127.61]) by ssymail.ssy.co.kr with
esmtip; Jan, 06 2003 6:27:37 PM -0100
Received: from [106.226.127.61] by n7.groups.yahoo.com with local; Jan, 06 2003
5:26:23 PM -0700
From: INVESTMENT ALERT - 99412 <INVESTMENT_ALERT---99462@worldnet.att.net>
To: C:\share\TBIN\Alias.txt@mx2.mail.twtelecom.net
Cc:
Subject: C:\share\TBIN\SubjectLine.txt
Sender: INVESTMENT ALERT - 99412 <INVESTMENT_ALERT---99462@worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/html; charset="iso-8859-1"
Date: Mon, 6 Jan 2003 20:38:39 -0600
X-Mailer: MIME-tools 5.503 (Entity 5.501)
X-Priority: 1
Message-Id: <20030107023908.2D9F0A8EC@mx2.mail.twtelecom.net>

```
<html>
<head>
</head>
<body>
<p align="center"><font style="font-size: 11pt" face="Courier">TBIN Reports Record
Revenues and Earnings - UP 309%</font></p>
<p align="center"><font style="font-size: 11pt" face="Courier">Get the whole story
from "Live From the Street"</font></p>
<p align="center"><b><a href="http://www.marketingnewsletter.us/
Live_From_the_Street_TBIN.htm">ENTER HERE</a></b></p>
<p align="center"></p>
<p align="left">&nbsp;</p>
<p align="left">&nbsp;</p>
<p align="center"><font size="2"><A href="http://www.famousoffers.com/remove/
cstremove.htm">Click here to unsubscribe</A>
</body>
</html>
```

xvxfkiyyueagvgduefolniueqxeveetvjac

From INVESTMENT_ALERT---99519@aloha.net Mon Jan 6 21:55:46 2003
Received: from mx1.mail.twtelecom.net (mx1.mail.twtelecom.net [207.67.10.250])
by tapr.org (8.9.3/8.9.3/1.13) with ESMTP id VAA01569
for <lyris.aprsnews@tapr.org>; Mon, 6 Jan 2003 21:55:46 -0600 (CST)
Received: from 210.202.161.55 (unknown [211.161.193.195])
by mx1.mail.twtelecom.net (Postfix) with SMTP id 7FB6B68F77
for <lyris.aprsnews@tapr.org>; Mon, 6 Jan 2003 21:55:31 -0600 (CST)
Received: from unknown (HELO smtp4.cyberec.com) (24.156.151.193) by rly-
xw05.mx.aol.com with esmtp; Jan, 06 2003 9:48:11 PM -0200
Received: from unknown (153.188.246.130) by m10.grp.snv.yahoo.com with local; Jan,
06 2003 8:35:13 PM -0300
Received: from mx.rootsystems.net ([60.127.54.24]) by smtp-server6.tampabay.rr.com
with SMTP; Jan, 06 2003 7:35:09 PM -0100
From: INVESTMENT ALERT - 99654 <INVESTMENT_ALERT---99519@aloha.net>
To: C:\Documents\mx1.mail.twtelecom.net, and@mx1.mail.twtelecom.net,
SettingsPhilDesktopTBINToAlias.txt@mx1.mail.twtelecom.net
Cc:
Subject: C:\Documents and Settings\Phil\Desktop\TBIN\SubjectLine.txt
Sender: INVESTMENT ALERT - 99654 <INVESTMENT_ALERT---99519@aloha.net>
Mime-Version: 1.0
Content-Type: text/html; charset="iso-8859-1"
Date: Mon, 6 Jan 2003 21:56:25 -0600
X-Mailer: Internet Mail Service (5.5.2650.21)
X-Priority: 1
Message-Id: <20030107035531.7FB6B68F77@mx1.mail.twtelecom.net>

```
<html>
<head>
</head>
<body>
<p align="center"><font style="font-size: 11pt" face="Courier">TBIN Reports Record
Revenues and Earnings - UP 309%</font></p>
<p align="center"><font style="font-size: 11pt" face="Courier">Get the whole story
from "Live From the Street"</font></p>
<p align="center"><b><a href="http://www.marketingnewsletter.us/
Live_From_the_Street_TBIN.htm">ENTER HERE</a></b></p>
<p align="center"></p>
<p align="left">&nbsp;</p>
<p align="left">&nbsp;</p>
<p align="center"><font size="2"><A href="http://www.famousoffers.com/remove/
cstremove.htm">Click here to unsubscribe</A>
</body>
</html>
```

htmunjmhghldltijshrlrde

From Nasdaq_Newsdesk_117@worldnet.att.net Thu Jan 9 14:43:19 2003

Received: from 218.22.70.54 ([218.22.70.54])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id OAA14587
for <lyris.aprsnews@tapr.org>; Thu, 9 Jan 2003 14:43:15 -0600 (CST)
Message-Id: <200301092043.OAA14587@tapr.org>
Received: from [6.135.221.168] by rly-xl05.mx.aol.com with asmt; Jan, 09 2003
2:18:16 PM -0800
Received: from unknown (HELO mailout2-eri1.midsouth.rr.com) (184.119.91.62) by
rly-xw05.mx.aol.com with asmt; Jan, 09 2003 1:20:14 PM -0700
Received: from unknown (19.150.51.145) by n9.groups.yahoo.com with esmt; Jan, 09
2003 12:34:16 PM -0700
Received: from [48.211.102.224] by rly-xl05.mx.aol.com with local; Jan, 09 2003
11:26:30 AM +0700
From: Nasdaq Newsdesk 161 <Nasdaq_Newsdesk_117@worldnet.att.net>
To: Subscriber.98920@tapr.org
Cc:
Subject: NASDAQ ALERT - NATK Revenues UP 1594% - Signs \$55 Million
Deal..... mxj
Sender: Nasdaq Newsdesk 161 <Nasdaq_Newsdesk_117@worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/html; charset="iso-8859-1"
Date: Thu, 9 Jan 2003 14:42:44 -0600
X-Mailer: Microsoft Outlook Express 6.00.2600.0000
X-Priority: 1

```
<html>
<head>
</head>
<body>
<p align="center"><font style="font-size: 11pt" face="Courier">NATK Revenues UP
1594% For 2001- Signs $55 Million Deal</font></p>
<p align="center"><font style="font-size: 11pt" face="Courier">Get the whole story
from "Live From the Street"</font></p>
<p align="center"><b><a href="http://www.marketingnewsletter.net/
Live_From_the_Street_NATK.htm">ENTER HERE</a></b></p>
<p align="center"></p>
<p align="left">&nbsp;</p>
<p align="left">&nbsp;</p>
<p align="center"><font size="2"><A href="http://www.beenteresting.com/remove/
cstremove.htm">Click here to unsubscribe</A>
</body>
</html>
```

dqbijhutsjxfdogvsmjuxufwuc

From bounce-aprsnews-839@lists.tapr.org Sat Jan 11 13:20:38 2003
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id NAA07644

for <lyris.aprsnews@tapr.org>; Sat, 11 Jan 2003 13:20:36 -0600 (CST)
content-class: urn:content-classes:message
Subject: [aprsnews] jfindu.aprs-is.net Updates
MIME-Version: 1.0
Content-Type: text/plain;
charset="US-ASCII"
Date: Sat, 11 Jan 2003 11:37:55 -0600
X-MimeOLE: Produced By Microsoft Exchange V6.0.6249.0
Message-ID: <LYR839-114623-2003.01.11-14.06.44--
lyris.aprsnews#tapr.org@lists.tapr.org>
Thread-Topic: jfindu.aprs-is.net Updates
Thread-Index: AcK5mCzo9gJ9LQ09QcW0fT4s20KZXQ==
From: "AE5PL Lists" <HamLists@ametx.com>
Sender: bounce-aprsnews-839@lists.tapr.org
To: "APRS Announcements" <aprsnews@lists.tapr.org>
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <9F1E0A2562D60B43BAA4C87505322DFC078463@ame-main.ametx.com>
Precedence: bulk
Content-Transfer-Encoding: 8bit
X-MIME-Autoconverted: from quoted-printable to 8bit by tapr.org id NAA07644

For those that are not familiar with jfindu.aprs-is.net, it is a site similar to findu.com but uses javAPRS to provide a live (real-time) display of activity to your browser.

Enhancements include:

"near" maps now start off displaying stations heard within 200 km in the past 60 minutes.

Live data feeds now make use of the dynamic filtering capability of javAPRSFilter on the server to substantially reduce the load on the browser host as well as reducing bandwidth requirements on the connection between the browser and the server.

For station-centric maps (based on an APRS station, not on lat/lon or grid square):

find and near maps now automatically have the map track the requested station.

maps may be actively displayed behind a firewall.

Have fun!

73,

Pete Loveall AE5PL
pete@ae5pl.net

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From bounce-aprsnews-839@lists.tapr.org Sat Jan 11 13:21:18 2003
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id NAA07701
for <lyris.aprsnews@tapr.org>; Sat, 11 Jan 2003 13:21:17 -0600 (CST)
content-class: urn:content-classes:message
Subject: [aprsnews] javAPRS 2.5b01 Released
MIME-Version: 1.0
Content-Type: text/plain;
charset="US-ASCII"
Date: Sat, 11 Jan 2003 12:25:31 -0600
X-MimeOLE: Produced By Microsoft Exchange V6.0.6249.0
Message-ID: <LYR839-114626-2003.01.11-14.07.28--
lyris.aprsnews@tapr.org>
Thread-Topic: javAPRS 2.5b01 Released
Thread-Index: AcK5ntLoUc4LdUg/QAWe2e1/tJ3smw==
From: "AE5PL Lists" <HamLists@ametx.com>
Sender: bounce-aprsnews-839@lists.tapr.org
To: "APRS Announcements" <aprsnews@lists.tapr.org>
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <9F1E0A2562D60B43BAA4C87505322DFC086D82@ame-main.ametx.com>
Precedence: bulk
Content-Transfer-Encoding: 8bit
X-MIME-Autoconverted: from quoted-printable to 8bit by tapr.org id NAA07701

I have released javAPRS 2.5b01. It is posted at
<http://javaprs.app.aprs-is.net> and mirror download sites listed there.
The primary enhancement to 2.5b01 over 2.4 is the addition of the
serverCommand parameter allowing you to have javAPRS send a command such
as a filter command to the server when javAPRS logs in to the server.

Also, I made some last minute updates to jfindu.aprs-is.net which now
allows behind-firewall operation for most maps.

Have fun!

73,

Pete Loveall AE5PL
pete@ae5pl.net

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From bounce-aprsnews-839@lists.tapr.org Sat Jan 11 19:26:24 2003
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id TAA21749
for <lyris.aprsnews@tapr.org>; Sat, 11 Jan 2003 19:26:23 -0600 (CST)
Message-Id: <LYR839-114660-2003.01.11-20.12.43--
lyris.aprsnews@tapr.org>
X-Sender: pe1dnn@pop.hetnet.nl
Date: Sat, 11 Jan 2003 23:35:31 +0100
To: "APRS Announcements" <aprsnews@lists.tapr.org>
From: Henk de Groot <henk.de.groot@hetnet.nl>
Subject: [aprsnews] New and updated Pocket APRS maps
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed
List-Unsubscribe: <<mailto:leave-aprsnews-839E@lists.tapr.org>>
List-Software: Lyris Server version 3.0
List-Subscribe: <<mailto:subscribe-aprsnews@lists.tapr.org>>
List-Owner: <<mailto:owner-aprsnews@lists.tapr.org>>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <5.1.0.14.2.20030111231438.00a55ec0@pop.hetnet.nl>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Hello All,

For your information.

There are new PocketAPRS maps, this time for Southern Africa. This map is also usable with APRS/CE, Xastir, MacAPRS and WinAPRS.

While working on this map, I discovered a problem which also present in the existing maps for Greece, Denmark and Scandinavia. I fixed those, they depict the same information but are a lot smaller now (especially Scandinavia!).

The maps for Southern Africa were build on request for Peter, LX1QF/VE3VEK/KC1QF. Made from currently available WinAPRS/MacAPRS maps. These maps have labels, but they are not very well placed (not my fault, that's due to the source material). I kept the labels since they make it easier to navigate, and you can always switch them off via the pocketAPRS menu.

Unfortunately pieces are missing, but the table shows you what is covered.

Southern Africa maps:

File	Country	Part covered
SAfricaN.pdb	Namibia	East part
	Botswana	Almost full
	Zambia	Part of the south
	Angola	Part of the south
	Zimbabwe	West part
	Rep.South Africa	Northern part
SAfricaS.pdb	Namibia	South part
	Botswana	South part
	Rep.South Africa	Almost full
	Lesotho	Full
	Swaziland	Only border

You can find the new maps, with other maps, on:

<http://www.homepages.hetnet.nl/~pe1dnn/>

or

<http://home.hetnet.nl/~pe1dnn/>

(You may have to reload the map if you have a cached copy).

Kind regards,

Henk.

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From bounce-aprsnews-839@lists.tapr.org Sun Jan 12 16:16:22 2003

Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])

by tapr.org (8.9.3/8.9.3/1.13) with SMTP id QAA05364

for <lyris.aprsnews@tapr.org>; Sun, 12 Jan 2003 16:16:18 -0600 (CST)

From: "Byon Garrabrant" <byon@byon.com>

To: "APRS Announcements" <aprsnews@lists.tapr.org>

Date: Sun, 12 Jan 2003 13:37:00 -0800

MIME-Version: 1.0

Subject: [aprsnews] TinyTrak3 is Now Available
Message-ID: <LYR839-114787-2003.01.12-17.02.30--
lyris.aprsnews#tapr.org@lists.tapr.org>
Priority: normal
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <3E216F7C.22274.D894B22@localhost>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

I am please to announce that TinyTrak3 is now available at
<http://www.byonics.com> . TinyTrak3 is a GPS position encoder which,
when connected to a GPS and a radio, will transmit its location at an
adjustable rate, without the need for a full TNC.

TinyTrak3 has all the features of previous TinyTrakII, with several
new additions, such as:

- Power Saving feature with a power relay on SW2
- Burst after voice / Send Position Now input
- TimeStamped packets (both hour/minute/seconds and day/hour/minute)
- Serial inversion option for TTL GPS/computer
- Alternating Digi Paths
- Inverted Carrier Detect option
- Support for Fixed Position status reports
- New Silk-screened solder masked printed circuit board
- Optional translucent case
- Reduced suseptability to RF

TinyTrak3 also has the following features from the TinyTrakII:

- Decodes any NMEA-0183 compatible GPS sending \$GPRMC or \$GPGLL sentences.
- Transmits position, altitude, speed, and heading.
- Supports SmartBeaconing, which adjusts transmission rates to speed and turning.
- 4 LEDs which show power, transmit, GPS status, and carrier detect.
- Can transmit position in MIC-E, or ASCII text format.
- Two configurations, with all user options switchable.

You can download the Owner's Manual for full details and pictures.

Byon

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Questions regarding the SIG go to the SIG administrator: wallou@tapr.org

From: big@boss.com Mon Jan 13 08:11:30 2003
Received: from mx1.mail.twtelecom.net (mx1.mail.twtelecom.net [207.67.10.250])
by tapr.org (8.9.3/8.9.3/1.13) with ESMTP id IAA15846
for <lyris.aprsnews@tapr.org>; Mon, 13 Jan 2003 08:11:29 -0600 (CST)
From: big@boss.com
Received: from GA-MAC-JLUKE (unknown [65.88.81.235])
by mx1.mail.twtelecom.net (Postfix) with ESMTP id 0B0F569C2B
for <lyris.aprsnews@tapr.org>; Mon, 13 Jan 2003 08:11:27 -0600 (CST)
To: <lyris.aprsnews@tapr.org>
Subject: Re: Here is that sample
Date: Mon, 13 Jan 2003 9:11:26 --0500
Importance: Normal
X-Mailer: Microsoft Outlook Express 6.00.2600.0000
X-MSMail-Priority: Normal
X-Priority: 3 (Normal)
MIME-Version: 1.0
Content-Type: multipart/mixed;
boundary="CSmtpMsgPart123X456_000_000DB2D6"
Message-Id: <20030113141127.0B0F569C2B@mx1.mail.twtelecom.net>

This is a multipart message in MIME format

--CSmtpMsgPart123X456_000_000DB2D6
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Attached file:

--CSmtpMsgPart123X456_000_000DB2D6
--CSmtpMsgPart123X456_000_000DB2D6--

From bounce-message-839@lists.tappr.org Tue Jan 14 10:58:43 2003
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id KAA23296
for <lyris.aprsnews@tappr.org>; Tue, 14 Jan 2003 10:58:42 -0600 (CST)
Message-Id: <LYR839-115070-2003.01.14-11.45.12--
lyris.aprsnews#tappr.org@lists.tappr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tappr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tappr.org>
To: lyris.aprsnews@tappr.org
Subject: Your confirmation is needed (ok 839)
Date: Tue, 14 Jan 2003 11:45:12 -0500

Your email address 'lyris.aprsnews@tappr.org' has been submitted to be
unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be
unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that
the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tappr.org

You will receive notification that your confirmation has been received, and

that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the mailing list.

Return-Path: <jk4@jkf.com>
Received: from ([61.236.128.64]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Tue, 14 Jan 2003 11:45:09 -0500
From: jk4@jkf.com
Subject:
To: aprsnews-request
Content-Type: text/html; charset="GB2312"
Reply-To: jk4@jkf.com
Date: Wed, 15 Jan 2003 00:59:27 +0800
X-Priority: 3
X-Mailer: Microsoft Outlook Express 5.00.2615.200

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tapr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <jk4@jkf.com>
Received: from ([61.236.128.64]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Tue, 14 Jan 2003 11:45:09 -0500
From: jk4@jkf.com
Subject: Email marketing
To: leave-aprsnews-839e@lists.tapr.org
Content-Type: text/html; charset="GB2312"
Reply-To: jk4@jkf.com
Date: Wed, 15 Jan 2003 00:59:27 +0800
X-Priority: 3
X-Mailer: Microsoft Outlook Express 5.00.2615.200

<STYLE type="text/css">
<!--
P{
font-size : 12px;
}
-->
</STYLE>
</HEAD>
<BODY>
<P>Email Marketing !

Japan 127 Million
Email Address \$80 US
 <A href="http://www.jjyx.com/serve/wd/japan.txt"
target="_blank">free download <FONT
color="#000079"><A href="mailto:yhzx599@vip.sina.com?Subject=i want to order
japan" target="_blank">Buy Now

Australia 6 Million Email
Address \$80 US
 free
download <A
href="mailto:yhzx599@vip.sina.com?Subject=i want to order australia"
target="_blank">Buy Now

Canda 110 Million
Email Address \$80 US
 <A href="http://www.jjyx.com/serve/wd/canda.txt"
target="_blank">free download <FONT
color="#000079"><A href="mailto:yhzx599@vip.sina.com?Subject=i want to order
canda" target="_blank">Buy Now

Russia 68 Million
Email Address \$80 US
 <A href="http://www.jjyx.com/serve/wd/russia.txt"
target="_blank">free download <FONT
color="#000079"><A href="mailto:yhzx599@vip.sina.com?Subject=i want to order
russia" target="_blank">Buy Now

England 3.2 Million Email
Address \$80 US
 free
download <A
href="mailto:yhzx599@vip.sina.com?Subject=i want to order england"
target="_blank">Buy Now

German 120 Million
Email Address \$80 US
 <A href="http://www.jjyx.com/serve/wd/german.txt"
target="_blank">free download <FONT
color="#000079"><A href="mailto:yhzx599@vip.sina.com?Subject=i want to order
german" target="_blank">Buy Now

France 78 Million
Email Address \$80 US
 <A href="http://www.jjyx.com/serve/wd/france.txt"
target="_blank">free download <FONT
color="#000079"><A href="mailto:yhzx599@vip.sina.com?Subject=i want to order
france" target="_blank">Buy Now

India 12 Million
Email Address \$60 US
 <A href="http://www.jjyx.com/serve/wd/india.txt"
target="_blank">free download <FONT
color="#000079"><A href="mailto:yhzx599@vip.sina.com?Subject=i want to order
india" target="_blank">Buy Now

other Country or Area 400 Million Email Address
\$120 US free
download <A
href="mailto:yhzx599@vip.sina.com?Subject=i want to order india"
target="_blank">Buy Now

°\$All of Country email lists + email sender
express +add url express + etrae express
=\$300 US <A
href="mailto:yhzx599@vip.sina.com?Subject=i want to order all email"
target="_blank">Buy Now

<Email Sender Express> \$80 US <SPAN
class="basetxt"><A href="mailto:yhzx599@vip.sina.com?
Subject=i want to order sender express" target="_blank">Buy Now</
SPAN>

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Fax:0086-0816-2210496

email: yhzx599@vip.sina.com

Company address: MianYang City Sichuan Province
in China

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</BODY>

From bounce-aprsnews-839@lists.tappr.org Sun Jan 19 18:58:53 2003
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id SAA14639
for <lyris.aprsnews@tappr.org>; Sun, 19 Jan 2003 18:58:52 -0600 (CST)
User-Agent: Microsoft-Entourage/10.1.1.2418
Date: Sun, 19 Jan 2003 19:54:53 -0500
Subject: [aprsnews] PSR deadline coming soon!
From: Stan Horzepa <stanzepa@earthlink.net>
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Message-ID: <LYR839-116146-2003.01.19-19.45.14--
lyris.aprsnews#tappr.org@lists.tappr.org>

Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
X-Message-Id: <BA50B30D.B6E4%stanzepa@earthlink.net>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

Just a reminder: If you are interested in submitting an article for TAPR's newsletter, Packet Status Register, the deadline is the 26th, so send me your input ASAP.

73,

Stan, WA1LOU, PSR Editor

You are currently subscribed to aprsnews as: lyris.aprsnews@tappr.org
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tappr.org
Questions regarding the SIG go to the SIG administrator: wallou@tappr.org

From bounce-aprsnews-839@lists.tappr.org Sat Jan 25 12:51:58 2003
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id MAA06682
for <lyris.aprsnews@tappr.org>; Sat, 25 Jan 2003 12:51:58 -0600 (CST)
Message-Id: <LYR839-117181-2003.01.25-13.38.55--
lyris.aprsnews#tappr.org@lists.tappr.org>
X-Sender: pe1dnn@pop.hetnet.nl
Date: Sat, 25 Jan 2003 18:43:09 +0100
To: "APRS Announcements" <aprsnews@lists.tappr.org>
From: Henk de Groot <henk.de.groot@hetnet.nl>
Subject: [aprsnews] DIGI_NED floppy V1.1
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
X-Message-Id: <5.1.0.14.2.20030125180224.00a110c0@pop.hetnet.nl>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

Hello,

I made an update to the boot-floppy distribution of DIGI_NED. At this time the software is stored on my own page as this was the most simple to do now. Maybe it will move to the main digi_ned site later.

Address: <<http://www.homepages.hetnet.nl/~pe1dnn>>

This disk is meant to be able to quickly deploy digi's and to give a quick start to those that want to get started with DIGI_NED. Its using DIGI_NED 0.3.3, but does not contain the full distribution! For that download the package from the main digi_ned site.

I tested this at home but of course there are more configurations than I can make and verify myself. If there are problem's please inform me.

Changes:

- Small change to the generated DIGI_NED configuration file
- Now it is easier to configure an SSID for the digi if you have a non-US keyboard
- The TM-D700 and TS-2000 correctly switch to packet mode and are reinitialized after a power break. The TM-D700 and TS-2000 must be configured to 9600 baud serial line speed to be able to work with this floppy.
- Changed the info file

Good luck, kind regards,

Henk.

Info.txt:

About this software:

The enclosed DIGIFLOP.EXE version 1.1 is a self extracting 1.44 Mb disk image, build with a Freeware program called "DI" which can be found on the disk after creation. Use a fresh formatted 1.44 Mb floppy for this (format a: /U)!

After creation of the disk you will have a bootable DISK with a complete DIGI_NED digipeater. As DOS Caldera DR-DOS 7.03 is used; this version of DOS is free for non commercial personal use. Read LICENSE.TXT, please respect Caldera's License. Also read README.TXT on the disk.

After booting the first time a configuration screen appears. You can fill this in. Navigation is done with TAB and Shift-TAB and function keys. F3 gives help on a field. You can choose 16 different predefined

configurations.

You can also make customized floppies by editing DNCONFIG.INI and making a matching "RUN.BAT" (in the DIGI_NED directory). You can make your own disk-image with the included disk image tool.

After configuration the DIGI_NED files are copied to Ramdisk, this is also done after a reboot. For this to work your PC shall be at least a 286 with 1 Mb memory.

Don't be alarmed if files seem to be copied to "C:", it just means that the Ramdisk was created as "C:" because your harddisk was not recognized; Caldera DR-DOS does not understand FAT32 disks. If you have many harddisks and even use drive "F:" then you should be careful, the floppy checks from "F:" down to "C:" to find the ramdisk. If not sure make a backup copy of your "\Autoexec.bat", "\Config.sys" and "\Command.com" files, that are most likely the only ones that are overwritten should the software use your harddisk instead of the ramdisk.

This floppy includes a new "AX25_MAC" driver. It is possible to use a TH-D7, TM-D700 or TS-2000 as intelligent digipeater. A limitation is that the TH-D7 has to understand KISS like the TH-D7E V2.0 does. The US TH-D7's do not seem to work. As far as I know the TM-D700 and TS-2000 should not give a problem with KISS. Note that the serial line speed is 9600 baud for the TH-D7, TM-D700 and TS-2000; otherwise it will not work!

During operation you may notice that the TH-D7/TMD700/TS2000 is reinitialized. There are 2 possible reasons for this:

- The TNC hangs and does not send any RX data anymore, this is the build-in recovery procedure
- There is just no RX data and the internal watchdog runs off, this happens when there is low traffic. Initialisation takes about 3 seconds and since it is low traffic anyway this is I think acceptable (and there is just no other option...).

There is no sophisticated way to know if the TNC hangs so the driver watches if still data is received after it did a transmission. The way the driver is now it was possible to run for one day without any TNC hangup (disabled the watchdog and looked if it kept running). Watchdog time is 30 seconds after the last transmission.

If you use KISS, then the software will put the TNC in KISS mode. It will try different methods; first the method for the TheFirmware/WA8DED, then "KISS ON" followed by "RESTART" and finally "KISS ON" followed by "RESET". Be sure not to switch on the TNC on half way during this process as "RESET" will wipe all information in the TAPR TNC-2. In the normal sequence this is not a problem since by the time the RESET is reached the TNC is already in KISS

and ignores it.

If you TNC remembers KISS mode and you want to get it out of KISS again, use:

```
.\kissinit -PCOM1 -K
```

(for COM1, for documentation of KISSINIT look in the KISS directory on the floppy disk)

If you want to run the configurator again, remove DNCONFIG.BAT from the root directory of the floppy and reboot.

This is as out-of-the-box it gets! Good luck!

Kind regards,

Henk - PE1DNN

You are currently subscribed to aprsnews as: lyris.aprsnews@tapr.org
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wallou@tapr.org

From bounce-message-839@lists.tapr.org Thu Jan 30 11:56:31 2003
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.13) with SMTP id LAA18376
for <lyris.aprsnews@tapr.org>; Thu, 30 Jan 2003 11:56:31 -0600 (CST)
Message-Id: <LYR839-118066-2003.01.30-12.43.44--
lyris.aprsnews#tapr.org@lists.tapr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tapr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tapr.org>
To: lyris.aprsnews@tapr.org
Subject: Your confirmation is needed (ok 839)
Date: Thu, 30 Jan 2003 12:43:44 -0500

Your email address 'lyris.aprsnews@tapr.org' has been submitted to be unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tappr.org

You will receive notification that your confirmation has been received, and
that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the
mailing list.

Return-Path: <0755-26594408@0755-26594408@tel.com>
Received: from ([61.235.68.66]) by lists.tappr.org with SMTP (Lyris Server version
3.0); Thu, 30 Jan 2003 12:43:38 -0500
From: 0755-26594408@0755-26594408@tel.com
=?GB2312?B?MTUwMK0tMjEwMM3yuPbTys/ktdjWt7zTVjjIureiy028/jE4MNSq0rvM1w==?=
To: aprsnews-request
Content-Type: text/html;
Sender: 0755-26594408@0755-26594408@tel.com
Date: Fri, 31 Jan 2003 02:05:17 +0800
X-Priority: 3
X-Library: Caretop Library
X-Mailer: Caretop 2604
subject:

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tappr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <0755-26594408@0755-26594408@tel.com>
Received: from ([61.235.68.66]) by lists.tappr.org with SMTP (Lyris Server version
3.0); Thu, 30 Jan 2003 12:43:38 -0500
From: 0755-26594408@0755-26594408@tel.com
Subject:
=?GB2312?B?MTUwMK0tMjEwMM3yuPbTys/ktdjWt7zTVjjIureiy028/jE4MNSq0rvM1w==?=
To: leave-aprsnews-839e@lists.tappr.org
Content-Type: text/html;
Sender: 0755-26594408@0755-26594408@tel.com
Date: Fri, 31 Jan 2003 02:05:17 +0800
X-Priority: 3
X-Library: Caretop Library
X-Mailer: Caretop 2604

<html>

<head>

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<meta http-equiv="Content-Type" content="text/html; charset=gb2312">
<meta name="GENERATOR" content="Microsoft FrontPage 4.0">
<meta name="ProgId" content="FrontPage.Editor.Document">
<title>µÁ0"" °.»ŒŒ</title>
<style type="text/css">
font {font-size:10pt;}
div {font-size:10pt;}
table {font-size:10pt;}
a {
    text-decoration: none;
}
</style>
<script language="JavaScript" type="text/JavaScript">
<!--
function dncopy()
    { alert ("«Î0÷ÿ÷™ ð≤´»°£"-æΩ°Π¥÷Δ£°") }
function MM_reloadPage(init) { //reloads the window if Nav4 resized
    if (init==true) with (navigator) {if
((appName=="Netscape")&&(parseInt(appVersion)==4)) {
        document.MM_pgW=innerWidth; document.MM_pgH=innerHeight;
onresize=MM_reloadPage; }}
    else if (innerWidth!=document.MM_pgW || innerHeight!=document.MM_pgH)
location.reload();
}
MM_reloadPage(true);
//-->
</script>
</head>

<body style="font-size:8pt" onbeforecopy ="dncopy()" bgcolor="#F3F3F1">
<table width="32%" border="1" cellspacing="0">
    <tr>
        <td height="72" bordercolor="#FFFFFF"><font color="#FFFFFF"></font></td>
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left: 205px; top: 519px;">
<div id="Layer5" style="position:absolute; width:725px; height:292px; z-index:1;
left: -174px; top: 1009px; background-color: #CCFFFF; layer-background-color:
#CCFFFF; border: 1px none #000000;">
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øÕªƒΣ.ÆðE-mail£jusa123568@yaoweb.comªÚusa123568@21cn.com</div>
</div>
<div id="Layer1" style="position:absolute; width:669px; height:109px; z-index:1;
left: 56px; top: 1486px;">°°°°'''œ¬°Π÷÷ª,,øÓΣΩ Ω£¨æ¨ø...''',/24-
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a>
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From smardl@yahoo.com Tue Feb 4 00:37:10 2003
Received: from VL-MS-MR001.sc1.videotron.ca (relais.videotron.ca [24.201.245.36])
by tapr.org (8.9.3/8.9.3/1.13) with ESMTP id AAA29868
for <lyris.aprsnews@tapr.org>; Tue, 4 Feb 2003 00:37:09 -0600 (CST)
Received: from smardl@yahoo.com ([66.130.76.199])
by VL-MS-MR001.sc1.videotron.ca
(iPlanet Messaging Server 5.2 HotFix 0.9 (built Jul 29 2002))
with SMTP id <0H9R005U9UEALK@VL-MS-MR001.sc1.videotron.ca> for
lyris.aprsnews@tapr.org; Tue, 04 Feb 2003 01:37:24 -0500 (EST)
Date: Tue, 04 Feb 2003 01:37:06 -0500
From: Luc Simard <smardl@yahoo.com>
Subject: MONEY MAKING THAT WORKS!!
To: "lyris.aprsnews@tapr.org" <lyris.aprsnews@tapr.org>
Message-id: <417543-220032246376550%smardl@yahoo.com>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 8bit
X-MIME-Autoconverted: from quoted-printable to 8bit by tapr.org id AAA29868

Hi,

Except of an error from my part, this should be the first time you receive this.
If not, please excuse me and disregard this message.

My name is Luc, and I want to share with you a MONEY
MAKING PROGRAM that really works! At first, I was
sceptical too, and was thinking that this was some kind of
joke. That one would send money and never receive anything.
But I gave it a try anyway and IT REALLY WORKS!

MAKE 50,000\$\$\$ IN LESS THAN 90 DAYS!

Thank you for your time and Interest. The following income opportunity
is one that can be started with VERY LITTLE investment and the income
return is TREMENDOUS!!!

\$
If you would like to make at least \$50,000 in less than 90 days! Please
read the enclosed program... THEN READ IT AGAIN!!!
\$

At first, I was sceptical too, but I decided to give it a try and it
really WORK!

LEGITIMATE AND LEGAL

THIS IS A LEGITIMATE, LEGAL, MONEY MAKING OPPORTUNITY.
It does not require you to come into contact with people,

do any hard work and best of all, you never have to leave the house except to get the mail. If you believe that someday you'll get that big break that you've been waiting for, THIS IS IT! Simply follow the instructions, and your dreams will come true. This e-mail marketing program works perfectly...100%, EVERY TIME. E-mail is the sales tool of the future. Take advantage of this non-commercialized method of advertising NOW!!! The longer you wait, the more people will be doing business using e-mail. Get your piece of this program now!

MULTI-LEVEL MARKETING (MLM) has finally gained respectability. It is being taught in the Harvard Business School, both Stanford Research and the Wall Street Journal have stated that between 50% and 65% of all goods and services will be sold through multi-level methods by the late 1990's. This is a Multi-Billion Dollar industry and of the 500,000 millionaires in the U.S., 20% (100,000) made their fortune in the last few years in MLM. Moreover, statistics show 45 people become millionaires everyday through Multi-Level Marketing.

You may have heard this story before, but over the summer Donald Trump made an appearance on the David Letterman Show. Dave asked him what he would do if he lost everything and had to start over from scratch. Without hesitating, Trump said he would find a good network marketing company and get to work. The audience started to hoot and boo him. He looked out at the audience and dead-panned his response - "That's why I'm sitting up here and you are all sitting out there!"

With network marketing you have two sources of income. Direct commissions from sales you make yourself and commissions from sales made by people you introduce to the business.

Residual income is the secret of the wealthy. It means investing time or money once and getting paid again and again and again. In network marketing, it also means getting paid for the work of others.

The enclosed information is something I almost let slip through my fingers. Fortunately, sometime later I re-read everything and gave some thought and study to it.

My name is Ellie Gilbert. Two years ago, the corporation I worked for, the past twelve years, down-sized

and my position was eliminated. After many unproductive job interviews, I decided to open my own business. Over the past year, I incurred many unforeseen financial problems. I owed my family, friends and creditors over \$40,000.. I just couldn't seem to make ends meet. I had to refinance and borrow against my home to support my family and struggling business. AT THAT MOMENT something significant happened in my life and I am writing to share the experience in hopes that this will change your life, FINANCIALLY, FOREVER!!!

In mid December, I received this program via e-mail. Six month's prior to receiving this program I had been sending away for information on various business opportunities. All of the programs I received, in my opinion, were not cost effective. They were either too difficult for me to comprehend or the initial investment was too much for me to risk to see if they would work or not. One claimed that I would make a million dollars in one year...it didn't tell me I'd have to write a best selling book to make it!

But, as I was saying, in December of 1997 I received this program. I didn't send for it, or ask for it, they just got my name off a mailing list. THANK GOODNESS FOR THAT! After reading it several times, to make sure I was reading it correctly, I couldn't believe my eyes. Here was a MONEY MAKING PHENOMENON. I could invest as much as I wanted to start, without putting me further into debt. After I got a pencil and paper and figured it out, I would at least get my money back. But like most of you I was still a little skeptical and a little worried about the legal aspects of it all. So I checked it out with the U.S. Post Office (1-800-725-2161 24-hrs) and they confirmed that it is indeed legal! After determining the program was LEGAL and NOT A CHAIN LETTER, I decided "WHY NOT."

Initially I sent out 10,000 e-mails. The great thing about e-mail is that I don't need any money for printing to send out the program, and because all of my orders are fulfilled via e-mail, the only expense is my time. I'm telling you as it is, I hope it doesn't turn you off, but I promised myself that I would not "rip-off" anyone, no matter how much money it cost me.

In less than one week, I was starting to receive orders for REPORT #1. By January 13, I had received 26 orders for REPORT #1.

Your goal is to "RECEIVE at least 20 ORDERS FOR REPORT #1 WITHIN 2

WEEKS.

If you don't, SEND OUT MORE PROGRAMS UNTIL YOU DO!"

My first step in making \$50,000 in 90 days was done.

By January 30, I had received 196 orders for REPORT #2.

Your goal is to "RECEIVE AT LEAST 100+ ORDERS FOR REPORT #2 WITHIN 2 WEEKS. IF NOT, SEND OUT MORE PROGRAMS UNTIL YOU DO. ONCE YOU HAVE 100 ORDERS, THE REST IS EASY, RELAX, YOU WILL MAKE YOUR \$50,000 GOAL." Well, I had 196 orders for REPORT #2, 96 more than I needed. So I sat back and relaxed.

By March 1, of my e-mailing of 10,000, I received \$58,000 with more coming in every day.

I paid off ALL my debts and bought a much needed new car.

Please take time to read the attached program, IT WILL CHANGE YOUR LIFE FOREVER! Remember, it won't work if you don't try it. This program does work, but you must follow it EXACTLY! Especially the rules of not trying to place your name in a different place. It won't work, you'll lose out on a lot of money! In order for this program to work, you must meet your goal of 20+ orders for REPORT #1, and 100+ orders for REPORT #2 and you will make \$50,000 or more in 90 days. I AM LIVING PROOF THAT IT WORKS!

If you choose not to participate in this program, I am sorry. It really is a great opportunity with little cost or risk to you. If you choose to participate, follow the program and you will be on your way to financial security.

If you are a business owner and in financial trouble, as I was, or you want to start your own business, consider this a good luck sign. I DID!

Sincerely,

Ellie Gilbert

P.S. Do you have any idea what \$58,000 looks like piled up on a kitchen table? IT'S AWESOME!

A PERSONAL NOTE FROM THE ORIGINATOR OF THIS PROGRAM:

By the time you have read the enclosed program and reports you should have concluded that such a program, one

that is legal, could not have been created by an amateur.

Let me tell you a little about myself. I had a profitable business for 10 years. Then in 1979 my business began falling off. I was doing the same things that were previously successful for me, but it wasn't working. Finally, I figured it out. It wasn't me, it was the economy. Inflation and recession had replaced the stable economy that had been with us since 1945. I don't have to tell you what happened to the unemployment rate... because many of you know from first hand experience. There were more failures and bankruptcies than ever before.

The middle class was vanishing. Those who knew what they were doing invested wisely and moved up. Those who did not, including those who never had anything to save or invest, were moving down into the ranks of the poor. As the saying goes, "THE RICH GET RICHER AND THE POOR GET POORER." The traditional methods of making money will never allow you to "move up" or "get rich".

You have just received information that can give you financial freedom for the rest of your life, with "NO RISK" and "JUST A LITTLE BIT OF EFFORT." You can make more money in the next few months than you have ever imagined. I should also point out that I will not see a penny of this money, nor anyone else who has provided a testimonial for this program. I have already made over 4 MILLION DOLLARS! I have retired from the program after sending out over 16,000 programs.

Follow the program EXACTLY AS INSTRUCTED. Do not change it in any way. It works exceedingly well as it is now. Remember to e-mail a copy of this exciting report to everyone you can think of. One of the people you send this to may send out 50,000...and your name will be on everyone of them! Remember though, the more you send out the more potential customers you will reach.

So my friend, I have given you the ideas, information, materials and opportunity to become financially independent, IT IS NOW UP TO YOU!

HOW THIS AMAZING PROGRAM WORKS

HERE'S HOW THIS AMAZING PROGRAM WILL MAKE
YOU THOUSANDS OF DOLLARS

INSTRUCTIONS:

This method of raising capital REALLY WORKS 100 %, EVERY TIME. I am sure that you could use up to \$50,000 or more in the next 90 days. Before you say "BULL... ", please read this program carefully.

This is not a chain letter, but a perfectly legal money making opportunity. Basically, this is what you do: As with all multi-level businesses, we build our business by recruiting new partners and selling our products. Every state in the USA allows you to recruit new multi-level business partners, and we offer a product for EVERY dollar sent. YOUR ORDERS COME BY MAIL AND ARE FILLED BY E-MAIL, so you are not involved in personal selling. You do it privately in your own home, store or office. This is the GREATEST Multi-Level Mail Order Marketing anywhere:

This is what you MUST do:

1. Order all 4 reports shown on the list below (you can't sell them if you don't order them).

* For each report, send \$5.00 CASH, the NAME & NUMBER OF THE REPORT YOU ARE ORDERING, YOUR E-MAIL ADDRESS, and YOUR NAME & RETURN ADDRESS (in case of a problem) to the person whose name appears on the list next to the report. MAKE SURE YOUR RETURN ADDRESS IS ON YOUR ENVELOPE IN CASE OF ANY MAIL PROBLEMS!

* When you place your order, make sure you order each of the four reports. You will need all four reports so that you can save them on your computer and resell them.

* Within a few days you will receive, via e-mail, each of the four reports. Save them on your computer so they will be accessible for you to send to the 1,000's of people who will order them from you.

2. IMPORTANT-- DO NOT alter the names of the people who are listed next to each report, or their sequence on the list, in any way other than is instructed below in steps "a" through "f" or you will lose out on the majority of your profits. Once you understand the way this works, you'll

also see how it doesn't work if you change it. Remember, this method has been tested, and if you alter it, it will not work.

- a. Look below for the listing of available reports.
- b. After you've ordered the four reports, take this letter and remove the name and address under REPORT #4. This person has made it through the cycle and is no doubt counting their \$50,000!
- c. Move the name and address under REPORT #3 down to REPORT #4.
- d. Move the name and address under REPORT #2 down to REPORT #3.
- e. Move the name and address under REPORT #1 down to REPORT #2.
- f. Insert your name/address in the REPORT #1 position.

Please make sure you copy every name and address ACCURATELY!

3. Take this entire letter, including the modified list of names, and save it to your computer. Make NO changes to the instruction portion of this letter.

4. Now you're ready to start an advertising campaign on the WORLD WIDE WEB! SEND OUT THIS LETTER (with your name added) TO AS MANY PEOPLE AS YOU CAN, EVEN FRIENDS AND FAMILY. Advertising on the WEB can be very, very inexpensive, and there are HUNDREDS of FREE places to advertise. Another avenue which you could use for advertising is e-mail lists. You can buy these lists for under \$20/20,000 addresses or you can pay someone to take care of it for you. BE SURE TO START YOUR AD CAMPAIGN IMMEDIATELY!

5. For every \$5.00 you receive, all you must do is e-mail them the report they ordered. THAT'S IT! ALWAYS PROVIDE SAME- DAY SERVICE ON ALL ORDERS! This will help guarantee that the e-mail THEY send out, with YOUR name and address on it, will be prompt because they can't advertise until they receive the report! To grow fast be prompt and courteous.

AVAILABLE REPORTS

Order Each REPORT by NUMBER and NAME

Notes:

- ALWAYS SEND \$5 CASH FOR EACH REPORT
- ALWAYS SEND YOUR ORDER VIA THE QUICKEST DELIVERY
- Make sure the cash is concealed by wrapping it in at least two sheets of paper
- On one of those sheets of paper, include: (a) the number & name of the report you are ordering, (b) your e-mail address, and (c) your postal address.

REPORT #1 "THE INSIDER'S GUIDE TO ADVERTISING FOR FREE ON THE INTERNET
"

ORDER REPORT #1 FROM:

L. Simard
220 Louis
Ste-Sophie, QC
Canada
J5J 2P3

REPORT #2 "THE INSIDER'S GUIDE TO SENDING BULK E-MAIL ON THE INTERNET "

ORDER REPORT #2 FROM:

K. Veilleux
386 av. du Parc
St-Antoine QC
Canada
J7Z 7A1

REPORT #3 " THE SECRETS TO MULTILEVEL MARKETING ON THE INTERNET "

ORDER REPORT #3 FROM:

M. Magnan
205 Tessier
St-Casimir Qc
Canada
Canada G0A 3L0

REPORT #4 "HOW TO BECOME A MILLIONAIRE UTILIZING THE POWER OF
MULTILEVEL MARKETING ON THE INTERNET "

ORDER REPORT #4 FROM:

E. Fillion
316 ch. Bas Ste-Thérèse

Blainville, Qc (Canada)
J7E 4H4

HERE'S HOW THIS AMAZING PLAN WILL MAKE YOU \$MONEY\$

Let's say you decide to start small just to see how well it works. Assume your goal is to get 10 people to participate on your first level. (Placing a lot of FREE ads on the internet will EASILY get a larger response.) Also assume that everyone else in YOUR ORGANIZATION gets ONLY 10 downline members. Follow this example to achieve the STAGGERING results below.

1st level--your 10 members with \$5.....\$50

2nd level--10 members from those 10 (\$5 x 100).....\$500

3rd level--10 members from those 100 (\$5 x 1,000)...\$5,000

4th level--10 members from those 1,000 (\$5x10,000).\$50,000

THIS TOTALS -----> \$55,550

Remember, this assumes that the people who participate only recruit 10 people each. Think for a moment what would happen if they got 20 people to participate! Lots of people get 100s of participants! THINK ABOUT IT!

Your cost to participate in this is practically nothing (surely you can afford \$20). You obviously already have an internet connection and e-mail is FREE! REPORT #3 shows you the most productive methods for bulk e-mailing and purchasing e-mail lists. Some list & bulk e-mail vendors even work on trade!

Over 50,000, new people, get on the internet EVERYDAY (CBS NEWS)!

*****TIPS FOR SUCCESS*****

* TREAT THIS AS YOUR BUSINESS! Be prompt, professional, and follow the directions accurately.

* Send for the four reports IMMEDIATELY so you will have them when the orders start coming in because:

When you receive a \$5 order, you MUST send out the requested product (report) to comply with the U.S. Postal & Lottery Laws, Title 18, Sections 1302 and 1341 or Title 18, Section 3005 in the U.S. Code, also Code of Federal Regs. vol. 16, Sections 255 and 436, which state that "a product or service must be exchanged for money received."

* ALWAYS PROVIDE SAME-DAY SERVICE ON THE ORDERS YOU RECEIVE.

* Be patient and persistent with this program. If you follow the instructions exactly, the results WILL undoubtedly be SUCCESSFUL!

* ABOVE ALL, HAVE FAITH IN YOURSELF AND KNOW YOU WILL SUCCEED!

*****YOUR SUCCESS GUIDELINE*****

Follow these guidelines to help assure your success:

If you don't receive 10 to 20 orders for REPORT #1 within two weeks, continue advertising until you do. Then, a couple of weeks later you should receive at least 100 orders for REPORT #2. If you don't, continue advertising until you do. Once you have received 100 or more orders for REPORT #2, YOU CAN RELAX, because the system is already working for you, and the cash can continue to roll in!

THIS IS IMPORTANT TO REMEMBER:

Every time your name is moved down on the list, you are placed in front of a DIFFERENT report. You can KEEP TRACK of your PROGRESS by watching which report people are ordering from you. If you want to generate more income, send another batch of e-mails and start the whole process again! There is no limit to the income you will generate from this business!

PLEASE NOTE: If you need help with starting a business, registering a business name, learning how income tax is handled, etc., contact your local office of the Small Business Administration (a Federal agency) 1-(800)827-5722 for free help and answers to questions. Also, the Internal Revenue Service offers free help via telephone and free seminars about business tax requirements. Your earnings and results are highly dependant on your activities and advertising. This

letter constitutes no guarantees stated nor implied. In the event that it is determined that this letter constitutes a guarantee of any kind, that guarantee is now void. Any testimonials or amounts of earnings listed in this letter may be factual or fictitious. If you have any question of the legality of this letter contact the Office of Associate Director for Marketing Practices Federal Trade Commission Bureau of Consumer Protection in Washington DC.

*****T E S T I M O N I A L S*****

This program does work, but you must follow it EXACTLY! Especially the rule of not trying to place your name in a different position, it won't work and you'll lose a lot of potential income. I'm living proof that it works. It really is a great opportunity to make relatively easy money, with little cost to you. If you do choose to participate, follow the program exactly, and you'll be on your way to financial security.

Sean McLaughlin, Jackson, MS

My name is Frank. My wife, Doris, and I live in Bel-Air, MD. I am a cost accountant with a major U.S. Corporation and I make pretty good money. When I received the program I grumbled to Doris about receiving "junk mail." I made fun of the whole thing, spouting my knowledge of the population and percentages involved. I "knew" it wouldn't work. Doris totally ignored my supposed intelligence and jumped in with both feet. I made merciless fun of her, and was ready to lay the old "I told you so" on her when the thing didn't work... well, the laugh was on me! Within two weeks she had received over 50 responses. Within 45 days she had received over \$147,200 in \$5 bills! I was shocked! I was sure that I had it all figured and that it wouldn't work. I AM a believer now. I have joined Doris in her "hobby." I did have seven more years until retirement, but I think of the "rat race" and it's not for me. We owe it all to MLM.

Frank T., Bel-Air, MD

I just want to pass along my best wishes and encouragement to you. Any doubts you have will vanish when your first orders come in. I even checked with the U.S. Post Office to verify that the plan was legal. It definitely is! IT WORKS!

Paul Johnson, Raleigh, NC

The main reason for this letter is to convince you that this system is honest, lawful, extremely profitable, and is a way to get a large amount of money in a short time. I was approached several times before I checked this out. I joined just to see what one could expect in return for the minimal effort and money required. To my astonishment, I received \$36,470.00 in the first 14 weeks, with money still coming in. Phillip A. Brown, Esq.

Not being the gambling type, it took me several weeks to make up my mind to participate in this plan. But conservative that I am, I decided that the initial investment was so little that there was just no way that I wouldn't get enough orders to at least get my money back. Boy, was I surprised when I found my medium-size post office box crammed with orders! For a while, it got so overloaded that I had to start picking up my mail at the window. I'll make more money this year than any 10 years of my life before. The nice thing about this plan is that it doesn't matter where in the U.S. people live. There simply isn't a better investment with a faster return.

Mary Rockland, Lansing, MI

I had received this program before. I deleted it, but later I wondered if I shouldn't have given it a try. Of course, I had no idea who to contact to get another copy, so I had to wait until I was e-mailed another program...11 months passed then it came...I didn't delete this one!...I made more than \$41,000 on the first try!!

D. Wilburn, Muncie, IN

This is my third time to participate in this plan. We have quit our jobs, and will soon buy a home on the beach and live off the interest on our money. The only way on earth that this plan will work for you is if you do it. For your sake, and for your family's sake don't pass up this golden opportunity. Good luck and happy spending!

Charles Fairchild, Spokane, WA

ORDER YOUR REPORTS TODAY AND
GET STARTED ON YOUR ROAD TO
FINANCIAL FREEDOM!

NOW IS THE TIME !

DECISIVE ACTION YIELDS

POWERFUL RESULTS !

From bounce-aprsnews-839@lists.tappr.org Wed Feb 5 11:15:21 2003
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id LAA21988
for <lyris.aprsnews@tappr.org>; Wed, 5 Feb 2003 11:15:20 -0600 (CST)
Date: Wed, 05 Feb 2003 11:56:10 -0500
From: John Ackermann N8UR <jra@febo.com>
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Subject: [aprsnews] Winter 2003 Packet Status Register Available
Message-ID: <LYR839-119076-2003.02.05-12.02.01--
lyris.aprsnews@tappr.org@lists.tappr.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1; format=flowed
Content-Disposition: inline
X-Spam-Status: No, hits=-1.2 required=5.0
tests=BALANCE_FOR_LONG,SPAM_PHRASE_00_01
version=2.43
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tappr.org>>
X-Message-Id: <14407587.10444446170@WUSJA129861-8HP.corp.ncr.com>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk
Content-Transfer-Encoding: 8bit
X-MIME-Autoconverted: from quoted-printable to 8bit by tappr.org id LAA21988

The Winter, 2003 issue of TAPR's journal, The Packet Status Register, is available online at <http://www.tappr.org/PSR>.

Its contents include:

- * New 802.11 E-List
- * TAPR Project Policy
- * OneTech π02 Technical Symposium
- * Book Review: 802.11 Wireless Networks
- * 3D Environments and Mars: A Follow-up from the 2002 DCC
- * Extending Icom OPC-581 Extension Cables for Icom IC-706s
- * Digital Radio Mondiale and Amateur Radio Implications
- * 2003 in Connecticut

Enjoy!

73,
John

John Ackermann	N8UR	jra@febo.com	http://www.febo.com
President, TAPR		n8ur@tapr.org	http://www.tapr.org

You are currently subscribed to aprsnews as: lyris.aprsnews@tapr.org
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wallou@tapr.org

From: big@boss.com Thu Feb 6 07:54:47 2003
Received: from S0027629007 (pool-68-162-17-150.nwrk.east.verizon.net [68.162.17.150])
by tapr.org (8.9.3/8.9.3/1.13) with ESMTP id HAA18956
for <lyris.aprsnews@tapr.org>; Thu, 6 Feb 2003 07:54:41 -0600 (CST)
From: big@boss.com
Message-Id: <200302061354.HAA18956@tapr.org>
To: <lyris.aprsnews@tapr.org>
Subject: Re: Movies
Date: Thu, 6 Feb 2003 8:54:41 --0500
Importance: Normal
X-Mailer: Microsoft Outlook Express 6.00.2600.0000
X-MSMail-Priority: Normal
X-Priority: 3 (Normal)
MIME-Version: 1.0
Content-Type: multipart/mixed;
boundary="CSmtpMsgPart123X456_000_001F7D57"

This is a multipart message in MIME format

--CSmtpMsgPart123X456_000_001F7D57
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Attached file:

--CSmtpMsgPart123X456_000_001F7D57
--CSmtpMsgPart123X456_000_001F7D57--

From musapeterus@maktoob.com Mon Feb 10 05:28:58 2003
Received: from mx1.mail.twtelecom.net (mx1.mail.twtelecom.net [207.67.10.250])
by tapr.org (8.9.3/8.9.3/1.13) with ESMTP id FAA20911;
Mon, 10 Feb 2003 05:28:53 -0600 (CST)
Received: from ok61299.com (unknown [213.181.64.37])
by mx1.mail.twtelecom.net (Postfix) with SMTP
id EADC16A799; Mon, 10 Feb 2003 05:28:47 -0600 (CST)
From: "DR.MUSA PETER." <musapeterus@maktoob.com>
Reply-To: musapeterus@ecplaza.net
Date: Mon, 10 Feb 2003 03:28:55 -0800
Subject: BUSINESS PROPOSAL
X-Mailer: Microsoft Outlook Express 5.00.2919.6900 DM
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Message-Id: <20030210112847.EADC16A799@mx1.mail.twtelecom.net>
To: undisclosed-recipients;;
Content-Transfer-Encoding: 8bit
X-MIME-Autoconverted: from quoted-printable to 8bit by tapr.org id FAA20911

STRICTLY CONFIDENTIAL
DR.MUSA PETER.

DIRECTOR, ACCOUNTS AND AUDIT,
NIGERIAN NATIONAL PETROLEUM CORPORATION (N.N.P.C)
TEL:234-1-776-0962
FAX:234-1-759-4725
EMAIL:musapeterus@ecplaza.net or musapeterus@maktoob.com

ATTN:PRESIDENT/CEO,

TRANSFER OF \$28,600,000:00 (TWENTY-EIGHT MILLION SIX HUNDRED THOUSAND U.S.
DOLLARS) ONLY.

I got your contact from the Nigerian Chamber of Commerce & Industry. Following this and other investigations resulting in a good recommendation. We have decided to contact you to help us with the legal Transfer of US\$28,600,000.00 (Twenty-Eight Million Six hundred Thousand United States Dollars). The amount stated above resulted from an over-invoiced contract executed for the Nigerian National Petroleum Corporation (N.N.P.C.) for which the contractors have been fully paid. Because this money was part of the overall contract sum amounting to close to (US\$100,000,000:00) that has been completed.

The said amount has remained dormant and floating in our Apex Bank. Therefore, we will raise supplementary documents to enable us transfer into an account that is yet to be nominated. We need a foreign partner, because as civil servants, the code of conduct does not allow us to operate foreign bank accounts. Hence we solicit for your assistance, we are requesting you to provide us with the help for the safekeeping of this money until our arrival in your company to collect our share and decide on investment possibilities of this money.

For your assistance in this transaction, we have unanimously agreed to offer you 25% of this money, 5% will be used in settling any incidental expenses that may arise and the remaining amount will be for us. To enable the prompt transfer of this money, kindly send to us your personal details, contact information & bank details in full.

We look forward to hearing from you and thanking you for your anticipated cooperation and consideration in the above subject matter. Please be informed that we would appreciate the handling of this transaction in a confidential manner. We sincerely advise that you contact us on the above Telephone and fax numbers to maintain the confidentiality of the business. Sending e-mail will be appreciated.

Yours sincerely,

DR.MUSA PETER .

From bounce-message-839@lists.tapir.org Mon Feb 10 05:29:19 2003
Received: from lists.tapir.org (lists.tapir.org [204.17.217.24])

by tapr.org (8.9.3/8.9.3/1.13) with SMTP id FAA20919
for <lyris.aprsnews@tapr.org>; Mon, 10 Feb 2003 05:29:19 -0600 (CST)
Message-Id: <LYR839-119895-2003.02.10-06.17.00--
lyris.aprsnews@tapr.org@lists.tapr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tapr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tapr.org>
To: lyris.aprsnews@tapr.org
Subject: Your confirmation is needed (ok 839)
Date: Mon, 10 Feb 2003 06:17:00 -0500

Your email address 'lyris.aprsnews@tapr.org' has been submitted to be
unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be
unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that
the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tapr.org

You will receive notification that your confirmation has been received, and
that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the
mailing list.

Return-Path: <musapeterus@maktoob.com>
Received: from emztd2048.com ([213.181.64.37]) by lists.tapr.org with SMTP (Lyris
Server version 3.0); Mon, 10 Feb 2003 06:16:43 -0500
From: "DR.MUSA PETER." <musapeterus@maktoob.com>
Reply-To: musapeterus@ecplaza.net
Date: Mon, 10 Feb 2003 03:29:00 -0800
Subject:
X-Mailer: Microsoft Outlook Express 5.00.2919.6900 DM
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable
to: aprsnews-request

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tapr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <musapeterus@maktoob.com>
Received: from emztd2048.com ([213.181.64.37]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Mon, 10 Feb 2003 06:16:43 -0500
From: "DR.MUSA PETER." <musapeterus@maktoob.com>
Reply-To: musapeterus@ecplaza.net
Date: Mon, 10 Feb 2003 03:29:00 -0800
Subject: BUSINESS PROPOSAL
X-Mailer: Microsoft Outlook Express 5.00.2919.6900 DM
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

STRICTLY CONFIDENTIAL
DR=2EMUSA PETER=2E
DIRECTOR=2C ACCOUNTS AND AUDIT=2C
NIGERIAN NATIONAL PETROLEUM CORPORATION =28N=2EN=2EP=2EC=29
TEL=3A234-1-776-0962
FAX=3A234-1-759-4725
EMAIL=3Amusapeterus=40ecplaza=2Enet or musapeterus=40maktoob=2Ecom

ATTN=3APRESIDENT=2FCEO=2C

TRANSFER OF \$28=2C600=2C000=3A00 =28TWENTY-EIGHT MILLION SIX HUNDRED THOUSAND
U=2ES=2E DOLLARS=29 ONLY=2E

I got your contact from the Nigerian Chamber of Commerce & Industry=2E Following this and other investigations resulting in a good recommendation=2E We have decided to contact you to help us with the legal Transfer of US\$28=2C600=2C000=2E00 =28Twenty-Eight Million Six hundred Thousand United States Dollars=29=2E The amount stated above resulted from an over-invoiced contract executed for the Nigerian National Petroleum Corporation =28N=2EN=2EP=2EC=2E=29 for which the contractors have been fully paid=2E Because this money was part of the overall contract sum amounting to close to =28US\$100=2C000=2C000=3A00=29 that has been completed=2E

The said amount has remained dormant and floating in our Apex Bank=2E Therefore=2C we will raise supplementary documents to enable us transfer into an account that is yet to be nominated=2E We need a foreign partner=2C because as civil servants=2C the code of conduct does not allow us to operate foreign bank accounts=2E Hence we solicit for your assistance=2C we are requesting you to provide us with the help for the safekeeping of this money until our arrival in your company to collect our share and decide on investment possibilities of this money=2E

For your assistance in this transaction=2C we have unanimously agreed to offer you 25% of this money=2C 5% will be used in settling any incidental expenses that may

arise and the remaining amount will be for us=2E To enable the prompt transfer of this money=2C kindly send to us your personal details=2C contact information & bank details in full=2E

We look forward to hearing from you and thanking you for your anticipated cooperation and consideration in the above subject matter=2E Please be informed that we would appreciate the handling of this transaction in a confidential manner=2E We sincerely advise that you contact us on the above Telephone and fax numbers to maintain the confidentiality of the business=2E Sending e-mail will be appreciated=2E

Yours sincerely=2C

DR=2EMUSA PETER =2E

From bounce-message-839@lists.tappr.org Sat Feb 15 06:08:08 2003
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.13) with SMTP id GAA16992
for <lyris.aprsnews@tappr.org>; Sat, 15 Feb 2003 06:08:07 -0600 (CST)
Message-Id: <LYR839-120594-2003.02.15-06.56.04--
lyris.aprsnews#tappr.org@lists.tappr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tappr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tappr.org>
To: lyris.aprsnews@tappr.org
Subject: Your confirmation is needed (ok 839)
Date: Sat, 15 Feb 2003 06:56:04 -0500

Your email address 'lyris.aprsnews@tappr.org' has been submitted to be unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tappr.org

You will receive notification that your confirmation has been received, and that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the mailing list.

Return-Path: <LXBY@LXBY.COM>
Received: from klguguy ([202.105.135.132]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Sat, 15 Feb 2003 06:55:36 -0500
From: "POPULAR WATCH CO., LTD" <LXBY@LXBY.COM>
To: aprsnews-request
Subject:
Mime-Version: 1.0
Content-Type: multipart/mixed;
 boundary="= Multipart Boundary 0215031953"
Date: Sat, 15 Feb 2003 19:53:32

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tapr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <LXBY@LXBY.COM>
Received: from klguguy ([202.105.135.132]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Sat, 15 Feb 2003 06:55:36 -0500
From: "POPULAR WATCH CO., LTD" <LXBY@LXBY.COM>
To: <leave-aprsnews-839e@lists.tapr.org>
Subject: NEW ITEM (POPULAR WATCH)
Mime-Version: 1.0
Content-Type: multipart/mixed;
 boundary="= Multipart Boundary 0215031953"
Date: Sat, 15 Feb 2003 19:53:32

This is a multipart MIME message.

--= Multipart Boundary 0215031953
Content-Type: text/plain; charset="gb2312"
Content-Transfer-Encoding: 7bit

****PLS. REPLY TO SALES@POPULARWATCH.COM BUT NOT LXBY@LXBY.COM****

DEAR SIR/MADAM,
 HOW ARE YOU?
 we are a wrist watch manufacturer in china.
 WE OPEND A NEW ITEM , IT IS VERY POPULAR IN THESE TIMES, FOR GETTING IMAGE
PICTURE, PLS. VISIT OUR WEBSITE: WWW.POPULARWATCH.COM,THE BEST PRICE AND DETAILS
AS FOLLOWING:

pop1-002

1. UNIT PRICE :1000-2000 USD1.09
2001-5000 USD1.01
5001-10000 USD0.95
MORE THAN 10000 USD0.92
2. COLOR: 6 COLORS ASSORTED
3. DELIVERY TIME: 10-35 DAYS.
- 4..PACKAGE: 72PCS IN A INNER CARTON, 720PCS IN A OUTER CARTON,
THE OUTER CARTON MEAS.:75*12*87CM
N.W. :13.68KGS
G.W. :16.18KGS

POP1-011

1. UNIT PRICE :10000-50000 USD0.29
MORE THAN 50000 USD0.27
- 2.COLOR : 6 COLOR ASSORTED
3. DELIVERY TIME: 15-25 DAYS.
- 4.PACKAGE:72PCS IN A INNER CARTON, 720PCS IN A OUTER CARTON,
THE OUTER CARTON MEAS.:22*75*48CM
N.W. :7.56KGS
G.W. :10.06KGS1.SIZE:5*8*1.1CM

LOGO PRINTING: EACH COLOR PLUS USD0.04.

ANY INQUIRES PLS. FEEL FREE CONTACT ME. FOR GETTING MORE PRODUCTS PLS. VISIT OUR
WEBSITE : WWW.POPULARWATCH.COM

POPULAR WATCH CO., LTD IS A PROFESSIONAL WATCH MAKER THAT ESTABLISHED IN 1992,THE
COMPANY PRODUCES A WIDE RANGE OF QUARTZ WATCHES,DIGITAL WATCHES, GIFTS WATCHES AND
IS SERVING CUSTOMER WORLDWIDE. PROMOTION ITEMS AND OEM BUSINESS ARE POPULAR
WATCH'S SPECIALIZATION.

BEST REGARDS & KINDEST WISHES.

LINDA

MOBILE: 86 13352923520 (IT IS OPENED IN 24 HOUR)

POPULAR WATCH CO.,LTD.

SHENZHEN AIKEDE ELECTRONIC TECHNOLOGY CO., LTD.

RM907 ,SICHUAN BLDG. 2001 HONGLI RD., FUTIAN, SHENZHEN, CHINA

TEL: 86 755 83673659 83673639

FAX: 86 755 83673659

E-MAIL: SALES@POPULARWATCH.COM

LINDA@POPULARWATCH.COM

LOVELINDA@21CN.COM

WEBSITE:WWW.POPULARWATCH.COM

IF YOU DON'T HOPE RECEIVE THIS MESSAGE, PLS. ADV. US THEN WE WON'T WRITE TO YOU
AGAIN AND SORRY FOR DISTURB YOU.

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æ- 'ÿÔ~÷Σ£∫http://love2net.51.net/£"Π,ð±V,Σ-µf≥"ø·»Î° µ»f,,¿¥æ-°≠°≠

INFORMATION

This message has been sent using a trial-run version
of the TsmtpRelayServer Delphi Component.

--= Multipart Boundary 0215031953
Content-Type: application/octet-stream;
name="E-CLIP.jpg"
Content-Transfer-Encoding: base64
Content-Disposition: attachment;
filename="E-CLIP.jpg"

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2oACaYBSAKYcZoAKQBQA1AFigYUAAoADxQIb3pgFABQA1ABQAtIBKYBmkAUA
LQAGoGLQBfcXCwKCeSegr0dRQNIQc2ZU1w0jZJ71xS1fVndGCjsVZJdu0/tW
TZso3IwGfBPA9MUW71XS2HqqoBgD05p3JbbFzwMUAGeKAE3c+9AC54oATPFF
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CgZUvZ/LTYv3m/QVjWnZWRTRh3ZkyPhcnp6VxX00+K1IoxnLMB6i1HuVJ9E
PyfpRfQQ1HQYnbtR0GNzx70CI5ZkhXdIwFCTeiAzbjWQvyxAn3Nbxot7mMqs
VsUJNRnkP+s2jHQdq3VGKMJV2V2ctyxz9TWqjYxc2xmRnii2xNw3f40dAuJu
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0oELnb35/wAmmJ6n0X8DWd2yr90/Mv0Pb+ld10XMjgqx5WS2tyJBtcnPc9/w
9fTFXsZFkeucHsR/D/8AWFMRNEemAMngZ6H29vU0AXbYnj/0Hp+I9zQBpQPX
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xVYmR9o6Csr3N17quPPAwOnpVJ6f12JsR5IPHT/IoT0GKGpdBhuJHHWhAUr/
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Date: Wed, 19 Feb 2003 04:44:35 GMT
X-Priority: 3
To: lyris-confirm-1148195k@p2p.wrox.com
Subject: lyris-confirm-1148195k, LIVE FROM WALL STREET: VICC Test Results Are In.....
Mime-Version: 1.0
Content-Type: text/html; charset=us-ascii
Content-Transfer-Encoding: 7bit
Message-ID: <0030f0638041323MCIS-12@mail.satx.rr.com>

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id FJCWRZ1D; Thu, 20 Feb 2003 12:17:38 +0900
Date: Thu, 20 Feb 2003 03:20:57 GMT
From: "jenzece" <Live_From_the_Street_99564@bellatlantic.net>
X-Priority: 3
To: lyris-discuss@clio.lyris.net
Subject: lyris-discuss, LIVE FROM WALL STREET: TGYC Announces Revised Revenues and Earnings...
Mime-Version: 1.0
Content-Type: text/html; charset=us-ascii
Content-Transfer-Encoding: 7bit

lyris-discuss@clio.lyris.net
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From: Laurens <Live_From_the_Street_99611@mho.net>

To: lyris.aprsnews@tapr.org

Subject: WALL STREET LIVE: IMTS Announces Partnerships with Coca-Cola and InDemand... uqwb

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Received: from 19.22.18.26 ([61.235.68.66]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Tue, 25 Feb 2003 14:13:12 -0500
From: 26368636@26368636.com <26368636@26368636.com>
To: leave-aprsnews-839e@lists.tapr.org
Reply-To: 26368636@26368636.com
Subject: =?gb2312?q?

3000=CD=F2=D3=CA=CF=E4=B5=D8=D6=B7=BC=D3=C8=BA=B7=A2=C8=ED=BC=FE=D6=BB=CA=DB150=D4=AA,=CF=EA=C7=E9=C7=EB=B5=E70755-26368636?=
Date: Wed, 26 Feb 2003 03:22:20 +0800
MIME-Version: 1.0
Content-Type: multipart/related; boundary="ffc3f5df-4928-11d7-bbcb-dc50c2e31e45"

This is a multi-part message in MIME format

--ffc3f5df-4928-11d7-bbcb-dc50c2e31e45
Content-Type: text/html; charset=gb2312
Content-Transfer-Encoding: quoted-printable

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<head>
<meta http-equiv=3D"Content-Type" content=3D"text/html; charset=3Dgb2312">
<meta name=3D"GENERATOR" content=3D"Microsoft FrontPage 4.0">
<meta name=3D"ProgId" content=3D"FrontPage.Editor.Document">
<title>3000=CD=F2=D3=CA=CF=E4=B5=D8=D6=B7=BC=D3=C8=BA=B7=A2=C8=ED=BC=FE=D6=BB=
=CA=DB150=D4=AA</title>
</head>
<body>
<p align=3D"center"><b><font color=3D"#0000ff">3000=CD=F2=D3=CA=CF=E4=B5=D8=D6=
=B7=BC=D3=C8=BA=B7=A2=C8=ED=BC=FE=D6=BB=CA=DB150=D4=AA,=CF=EA=C7=E9=C7=EB=B5=
=E70755-26368636</font></b></p>
<p align=3D"center"><b><font color=3D"#0000ff">EMAIL:<a href="http://ftp.tapr.org/
software_library/aprs/aprsnews/3D="
"mailto:usa123668@yaoweb.com">usa123668@yaoweb.com</a>&nbsp;
<a href="http://ftp.tapr.org/software_library/aprs/aprsnews/
3D&quot;mailto:usa123668@yahoo.com.cn&quot;">usa123668@yahoo.com.cn</a>=D7=C9=D1=
=AF</font></b></p>
<p align=3D"center"><b><font color=3D"#0000ff">300000000 emailaddress for you =
only
15$ ,,if you need please sent a mail to me ,my email: <a href="http://
ftp.tapr.org/software_library/aprs/aprsnews/3D="
"mailto:usa123568@yaoweb.com">usa123668@yaoweb.com</a></font></b></p>
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59166592

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"http://www.calendar21cn.com/hyb.zip">=D0=D0=D2=B5=
=B0=E6=CF=C2=D4=D8</u>(<u><a =
href=3D"http://www.calendar21cn.com/dyb.zip"></u><u><a =
href=3D"http://www.calendar21cn.com/dyb.zip">=B5=D8=D3=
=F2=B0=E6=CF=C2=D4=D8</u></td>
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</tr>

</tbody>

</table>

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<tbody>

<tr>

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=D2=AA=C7=F3=CE=AA=C4=E3=B6=A8=D6=C6=D3=CA=CF=E4=B5=D8=D6=B7,=CA=D5=B7=D1:=C3=
=BF30=CD=F2100=D4=AA</td>

</tr>

</tbody>

</table>

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=C7=B5=C4=B7=FE=CE=F1=D3=D0=C8=CE=BA=CE=D2=E2=BC=FB=BB=F2=BD=A8=D2=E9=A3=AC=C7=
=EB=BB=DD=B4=CDE-mail=D6=C1:<a href="http://ftp.tapr.org/software_library/aprs/
aprsnews/3D="

"mailto:wohuiifa@21cn.com">wohuiifa@21cn.com

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</div>

<div align=3D"center">

0ICQ:76576669

</div>

</body>

</html>

--ffc3f5df-4928-11d7-bbcb-dc50c2e31e45--

From bounce-aprsnews-839@lists.tapr.org Wed Feb 26 22:57:59 2003
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.16) with SMTP id WAA19509
for <lyris.aprsnews@tapr.org>; Wed, 26 Feb 2003 22:57:58 -0600 (CST)
Date: Wed, 26 Feb 2003 15:02:48 -0500 (EST)
From: Bob Bruninga <bruninga@usna.edu>
X-X-Sender: bruninga@arctic
To: "APRS Announcements" <aprsnews@lists.tapr.org>
cc: TAPR APRS Special Interest Group <aprssig@lists.tapr.org>
Subject: [aprsnews] Re: [aprssig] Re: Holy Grail of APRS Network Performance
In-Reply-To: <LYR20817-122133-2003.02.26-07.01.38--
bruninga@usna.edu@lists.tapr.org>
Message-ID: <LYR839-122251-2003.02.26-23.46.10--
lyris.aprsnews@tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
X-Virus-Scanned: by amavisd-milter (<http://amavis.org/>)
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <Pine.GSO.4.44.0302261448430.22217-100000@arctic>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

APRS PROBING: (new name "PHGR")

In summary, here is my final proposal for an addition of one byte to PHG to indicate "packets-per-hour" for the sake of allowing APRS software anywhere to evaluate real-time network reliability by comparing packets received versus packets sent. This proposal is 100% backwards compatible:

I call it PHGR (by adding RATE on the end)

PHG was "PHGabcd....."

PHGR is "PHGabcd~~r~~/....."

Where a,b,c,d are as defined in the APRS spec.

Where r is the integer rate of PHGR packets XMTD in packets per hour

And we add a specific "/" separator between the PHGR and any following

text to help flag this as the new PHGR format. All existing software on receive should still receive the "PHGabcd" with no impact, since no following character was ever specified.. But, on transmit, most client applications transmit either a "/" or a SPACE as a separator before any free text that follows anyway, so in this case, we are just forcing that now to be a "/" to add reliability in recognizing the new PHGR digit.

The uses of this new PHGR digit allows RECEIVEING software to evaluate the success of the network every Rth of an hour for every station transmitting a PHGR. A tremendous REAL-TIME tool for everyone if it is done pproperly...

Imagine how you can make a MAP showing COUTOURS of reliability!

Anything I missed?

Bob, WB4APR

You are currently subscribed to aprsnews as: lyris.aprsnews@tapr.org
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wallou@tapr.org

From Credit_Doctor_1000@charter.net Sat Mar 1 16:37:16 2003
Received: from 218.98.0.42 ([218.98.0.42])
by tapr.org (8.9.3/8.9.3/1.16) with SMTP id QAA00932
for <lyris.aprsnews@tapr.org>; Sat, 1 Mar 2003 16:37:09 -0600 (CST)
Message-Id: <200303012237.QAA00932@tapr.org>
Received: from unknown (6.61.10.17) by rly-xr02.mx.aol.com with NNFP; Mar, 01
2003 3:18:58 PM +1100
Received: from [41.237.71.37] by f64.law4.hotmail.com with NNFP; Mar, 01 2003
2:32:04 PM +0700
From: Langundo <Credit_Doctor_1000@charter.net>
To: Ephraim@tapr.org
Subject: About Your Credit..... ckitl
Sender: Langundo <Credit_Doctor_1000@charter.net>
Mime-Version: 1.0
Content-Type: text/html; charset="iso-8859-1"
Date: Sat, 1 Mar 2003 16:35:46 -0600
X-Mailer: Microsoft Outlook Express 5.00.2919.6700

<p align="center"></p>
<p>We can fix your credit. We are very successful at getting
bankruptcies, judgments, tax liens, foreclosures, late payments, charge-offs,
repossessions, and even student loans removed from a persons credit report. To
find out more go to
http://www.cjlinc.net.</p>
<p>If you no longer want to receive information from us just go to
tallrhe@cs.com.<p>

fpsinqbasqwejvclmtcqpkysamycrf

From bounce-aprsnews-839@lists.tapr.org Sun Mar 2 21:02:35 2003
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.16) with SMTP id VAA13292
for <lyris.aprsnews@tapr.org>; Sun, 2 Mar 2003 21:02:31 -0600 (CST)
Date: Sun, 02 Mar 2003 18:40:34 -0500
From: John Ackermann N8UR <jra@febo.com>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] TAPR Monthly Update
Message-ID: <LYR839-122876-2003.03.02-21.50.52--
lyris.aprsnews#tapr.org@lists.tapr.org>
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Content-Transfer-Encoding: 7bit
Content-Disposition: inline
X-Spam-Status: No, hits=-1.4 required=5.0
tests=BALANCE_FOR_LONG,ONLY_COST,SPAM_PHRASE_03_05,SUBJECT_FREQ
version=2.43

List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <66510000.1046648434@[192.168.1.1]>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

(Sent on behalf of Darryl, VK2TDS, TAPR Membership Director -- <mailto:vk2tds@tapr.org>)

People

TAPR Membership

Running TAPR takes resources, and as a non-profit organisation we rely on members for part of our funding. If you support the work that TAPR is doing, we would welcome your membership of the organisation. You can join by clicking on <http://www.tapr.org/tapr/html/orgf.html> . We have also been listening to members requesting that we support electronic commerce. TAPR are currently testing the use of PayPal in association with the current ordering system on the Web. We will post a message on the WWW site as soon as this is available.

Until then you can still join. Just fill out the electronic form as normal, and state in the comments that you want to pay with PayPal when it is available.

Digital Communications Conference

This years DCC will take place at the Hartford/Windsor Marriott Airport Hotel in Windsor, Connecticut, on the weekend of September 19-21, 2003. The hotel is 6 miles south of Bradley International Airport (BDL) and 13 miles north of ARRL Headquarters in Newington. Information will soon be available on <http://www.tapr.org/tapr/html/conff.html>. Until then you can find more information in the PSR at ftp://ftp.tapr.org/psr/Winter_86_2003.pdf

We will soon be issueing a call for papers for this event. Have a think about what you want to write about and start planning your paper now. If you are unable to come up with a subject, it is often possible to find friends with something to write about, but who don't have the time. You can help your friend and the Ham community by writing the paper on their behalf. There will be two popular discussion points at the conference - Software Defined Radios and 802.11 networks.

DCC Conference Proceedings

We have also reduced the price of each of the proceedings of the DCC up until 1997 to only US\$6 each. This makes the a real bargain. We are also making available sets of volume 1-10 and 11-16 available for \$US\$33 each - but please bear in mind that we no longer have copies of a number of the proceedings so we cannot guarenttee that the sets will be complete.

Electronic Distribution of Packet Status Register (PSR) Magazine

Listening to members we have found that many people are concerned about missing out on the PSR now that it has gone electronic. We recognise this as an issue, and we have come up with a solution to make things a bit easier in this digital age. We have created two mailing lists to assist you with keeping up to date with the quarterly magazine. They are

PSR-Announce
PSR-PDF

PSR-Announce is designed to advise the availability of the PDF file for download. We recognise that many people are on slow internet connections at home, or in fact have to pay for their bandwidth. So we have created a mailing list just to tell you when the magazine comes out, and to let you know how to get it. You can subscribe by visiting
http://www.tapr.org/cgi-bin/lyris.pl?enter=psr-announce&text_mode=0

PSR-PDF is designed for people who have a faster internet connection, or who know that they will never get to read it unless it is sent directly to them. Since PSR often contains graphics, the file can be over one mByte. You can subscribe by clicking
http://www.tapr.org/cgi-bin/lyris.pl?enter=psr-pdf&text_mode=0

802.11 Mailing List

Whilst we are on the subject of mailing list, TAPR have started a mailing list for 802.11 'Wireless Internet' operations. It seems that every community has a mailing list dedicated to 802.11. So how is the TAPR one different? It is dedicated to 802.11 use in ham radio. The list contains active members of the entire range of technical ability - from the most basic understanding of how radio works, to the deep internals of this equipment. Such a broad range that everyone is sure to fit in. You can join by visting
http://www.tapr.org/cgi-bin/lyris.pl?enter=ham-80211&text_mode=0

GNUradio receives HDTV

Matt Etus and the other people at the GNUradio project have announced that they have managed to decode the HDTV data stream on their PC's and have published the source code online. This is an amazing feat by Matt and the team. They are not quite to the stage of real time HDTV decoding on a PC, but are close.

Write for PSR!!!

PSR needs articles, and we would love to publish lots more in the PSR magazine. PSR is a great place to publish articles on everything from local operating practices to deep technical papers. And since the last issue TAPR is now rewarding those people who are helping others by writing articles for the magazine. Following the last issue, six people had their memberships extended by three months. This is just a small thank you from us at TAPR to those people who help us out. More details on PSR can be found on www.tapr.org

Conclusion

I hope you have found this document informative and useful. TAPR is always looking for new things to do and how to improve what it is already doing. If you have any ideas or concerns, please email me on darryl@radio-active.net.au

Darryl

You are currently subscribed to aprsnews as: lyris.aprsnews@tapr.org
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wallou@tapr.org

From a171kkid@aol.com Tue Mar 4 21:42:35 2003
Received: from mx2.mail.twtelecom.net (mx2.mail.twtelecom.net [168.215.210.54])
by tapr.org (8.9.3/8.9.3/1.16) with ESMTP id VAA29641;
Tue, 4 Mar 2003 21:42:34 -0600 (CST)
Received: from 207.67.10.250 (unknown [200.75.143.125])
by mx2.mail.twtelecom.net (Postfix) with SMTP
id AD99FAECF; Tue, 4 Mar 2003 21:42:15 -0600 (CST)

Received: from [17.28.5.189] by 207.67.10.250 with ESMTTP id IVOKLZ; Wed, 05 Mar 03 11:27:28 +0400
Received: from [190.5.13.123] by 17.28.5.189 with ESMTTP id LFUBVK; Wed, 05 Mar 03 11:21:28 +0400
From: "Stacey Parham" <a171kkid@aol.com>
Message-ID: <QAJXVHMDJVSQVNYXXTUWAXMTVKT0JX@17.28.5.189>
To: k4hg@tapr.org
Date: Wed, 05 Mar 03 11:21:28 GMT
X-Priority: 3
X-MSMail-Priority: Normal
Subject: pedal approval
X-Mailer: QUALCOMM Windows Eudora Version 5.1
MIME-Version: 1.0
Content-Type: multipart/alternative; boundary=UMDKRFVVIHDCFSQY

This is a multi-part message in MIME format.

--UMDKRFVVIHDCFSQY

Content-Type: text/html

Content-Transfer-Encoding: 7Bit

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cent</font></div><table width="636" height="201" align="center"
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height="208"> <b><font
face="Tahoma" size="5">F*r*ee&nbsp;
    s*e*x on the web</font></b><table width="635" cellpadding="0"
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bgcolor="8BCFF2" height="167"><p><b><font size="2" face="Verdana, Arial,
Helvetica, sans-serif" color="#003399">Pictures&nbsp;
    movies&nbsp; games&nbsp; chat<br><br>and most
importantly:<br><br></font></b><font face="Verdana, Arial, Helvetica, sans-serif"
size="2"
color="#003399"><b>Its
    all for&nbsp;
f*r*ee.</b></font></p></td></tr></table></td></tr></table><div align="center"><a
href="http://www.quicklink.bz/f"><font
face="Arial, Helvetica, sans-serif" color="#FF0000" size="4">Enter to join for
nothing right
    now</font></a></div><div align="center">&nbsp;</div><div
align="center"><font face="Arial, Helvetica, sans-serif" size="2"
color="#000000">To
    stop receiving ads, please enter the site and click
un*subscribe</font></div></body></html>
--UMDKRFVVIHDCFSQY--
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From Live_From_the_Street_99715@prodigy.net Wed Mar 5 05:37:14 2003
Received: from 61.146.139.179 ([61.146.139.179])
by tapr.org (8.9.3/8.9.3/1.16) with SMTP id FAA19956
for <lyris.aprsnews@tapr.org>; Wed, 5 Mar 2003 05:37:09 -0600 (CST)
Message-Id: <200303051137.FAA19956@tapr.org>
Received: from [110.188.46.152] by mta05bw.bigpond.com with QMQP; Mar, 05 2003
4:08:17 AM +1100
Received: from unknown (26.113.85.29) by smtp4.cyberrec.com with esmtp; Mar, 05
2003 3:20:36 AM +1100
From: Kuzih <Live_From_the_Street_99715@prodigy.net>
To: lyris.aprsnews@tapr.org
Subject: NEW STOCK PICK: KIWI - Great Short-term Gainer..... jpfie
Sender: Kuzih <Live_From_the_Street_99715@prodigy.net>
Mime-Version: 1.0
Content-Type: text/html; charset="iso-8859-1"
Date: Wed, 5 Mar 2003 05:35:43 -0600
X-Mailer: Internet Mail Service (5.5.2650.21)

<p>This is the very first broadcast of our new dept. LIVE FROM THE WIRE. LIVE
FROM THE WIRE is different than any other stock recommendations you may have seen
because unlike most, we were not paid to make this recommendation. This is not a
pump and dump. To find out more about this ground-breaking site, go to Live From the Street.</p>
<p align="center"></p>
<p>If you no longer want to receive information from us just go to
tallrhe@cs.com.<p>

bwyjkknnktyvihwpduxcfalafjwfwah

From Credit_Doctor_1284@execpc.com Tue Mar 18 12:32:05 2003
Received: from mx1.mail.twtelecom.net (mx1.mail.twtelecom.net [207.67.10.250])
by tapr.org (8.9.3/8.9.3/1.16) with ESMTP id MAA19821
for <lyris.aprsnews@tapr.org>; Tue, 18 Mar 2003 12:32:04 -0600 (CST)
Received: from 218.76.246.52 (unknown [218.88.230.143])
by mx1.mail.twtelecom.net (Postfix) with SMTP id B82326A45B
for <lyris.aprsnews@tapr.org>; Tue, 18 Mar 2003 12:31:59 -0600 (CST)
Received: from 155.89.28.179 ([155.89.28.179]) by rly-xw05.mx.aol.com with smtp;
Mar, 18 2003 11:10:28 AM +1100
Received: from 82.49.149.76 ([82.49.149.76]) by hd.regsoft.net with asmtip; Mar, 18
2003 10:33:18 AM +0300
From: Marvin <Credit_Doctor_1284@execpc.com>
To: lyris.aprsnews@tapr.org
Subject: Re: ABOUT YOUR CREDIT..... qiago
Sender: Marvin <Credit_Doctor_1284@execpc.com>
Mime-Version: 1.0
Content-Type: text/html; charset="iso-8859-1"

Date: Tue, 18 Mar 2003 12:39:45 -0600

X-Mailer: Internet Mail Service (5.5.2650.21)

Message-Id: <20030318183159.B82326A45B@mx1.mail.twtelecom.net>

<p align="center"></p>

<p>We can fix your credit. We are very successful at getting bankruptcies, judgments, tax liens, foreclosures, late payments, charge-offs, repossessions, and even student loans removed from a persons credit report. To find out more go to

http://www.netcreditlawyer.com.</p>

<p>If you no longer want to receive information from us just go to

tallrhe@cs.com.<p>

ivacbgkjmxyrpatwnppvejyfchoey

From richard_ronpa381@aol.com Wed Mar 19 00:34:36 2003

Received: from aol.com (n193-192-107-70.netone.com.tr [193.192.107.70] (may be forged))

by tapr.org (8.9.3/8.9.3/1.16) with SMTP id AAA16653;

Wed, 19 Mar 2003 00:34:20 -0600 (CST)

Received: from unknown (HELO symail.kustanai.co.kr) (145.179.58.16)

by da001d2020.loxi.pianstvu.net with local; 18 Mar 2003 13:34:49 +0400

Received: from smtp-server.tampabayr.com ([104.91.143.48])

by asy100.as122.sol-superunderline.com with local; 18 Mar 2003 17:34:14 +0200

Received: from unknown (33.222.93.200)

by smtp013.mail.yahoo.com with NNFP; 18 Mar 2003 19:33:39 +1100

Reply-To: "Richard Ronga" <richard_ronpa381@aol.com>

Message-ID: <016a12c45d5c\$5337b2c7\$6bc12ad4@vldrigh>

From: "Richard Ronga" <richard_ronpa381@aol.com>

To: Tim.Simpson@tapr.org

Subject: When are your holidays?..

Date: Tue, 18 Mar 2003 19:18:44 +1100

MIME-Version: 1.0

Content-Type: multipart/mixed;

boundary="-----_NextPart_000_00C4_81C37C2E.C5738C30"

X-Priority: 3 (Normal)

X-MSMail-Priority: Normal

X-Mailer: MIME-tools 5.503 (Entity 5.501)

Importance: Normal

-----_NextPart_000_00C4_81C37C2E.C5738C30

Content-Type: text/html; charset="iso-8859-1"

Content-Transfer-Encoding: base64

PGh0bWw+DQo8aGVhZD4NCjwvaGVhZD4NCg0KPGJvZHkgYmdjb2xvcj0iI0ZG

From bounce-message-839@lists.tapr.org Thu Mar 20 08:02:01 2003
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.16) with SMTP id IAA25252
for <lyris.aprsnews@tapr.org>; Thu, 20 Mar 2003 08:02:01 -0600 (CST)
Message-Id: <LYR839-125177-2003.03.20-08.51.28--

lyris.aprsnews#tapr.org@lists.tapr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tapr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tapr.org>
To: lyris.aprsnews@tapr.org
Subject: Your confirmation is needed (ok 839)
Date: Thu, 20 Mar 2003 08:51:28 -0500

Your email address 'lyris.aprsnews@tapr.org' has been submitted to be unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tapr.org

You will receive notification that your confirmation has been received, and that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the mailing list.

Return-Path: <26368636@075526368636.com>
Received: from 0755263686361840.com ([61.235.68.66]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Thu, 20 Mar 2003 08:51:24 -0500
From: yang <26368636@075526368636.com>
Reply-To: 26368636@075526368636.com
Subject:
Date: Thu, 20 Mar 2003 22:13:59 +0800
MIME-Version: 1.0
Content-Type: multipart/related; boundary="226c83ba-6c44-47bd-b795-0bd450436ade"
to: aprsnews-request

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tapr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <26368636@075526368636.com>
Received: from 0755263686361840.com ([61.235.68.66]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Thu, 20 Mar 2003 08:51:24 -0500

From: yang <26368636@075526368636.com>
Reply-To: 26368636@075526368636.com
Subject: =?gb2312?q?
_3000=CD=F2=D3=CA=CF=E4=B5=D8=D6=B7=BC=D3=C8=BA=B7=A2=C8=ED=BC=FE=D6=BB=CA=DB150=D
4=AA,=CF=EA=C7=E9=C7=EB=B5=E70755-26368636?=
Date: Thu, 20 Mar 2003 22:13:59 +0800
MIME-Version: 1.0
Content-Type: multipart/related; boundary="226c83ba-6c44-47bd-b795-0bd450436ade"

This is a multi-part message in MIME format

--226c83ba-6c44-47bd-b795-0bd450436ade
Content-Type: text/html; charset=gb2312
Content-Transfer-Encoding: quoted-printable

```
<html>
<head>
<meta http-equiv=3D"Content-Type" content=3D"text/html; charset=3Dgb2312">
<meta http-equiv=3D"Content-Language" content=3D"zh-cn">
<title>=D6=F7=D2=B3</title>
<meta name=3D"GENERATOR" content=3D"Microsoft FrontPage 4.0">
<meta name=3D"ProgId" content=3D"FrontPage.Editor.Document">
</head>
<body>
<script language=3Dvbscript></script>
<script language=3Dvbscript></script>
<p align=3D"center"><b><font color=3D"#0000ff"><span style=3D=
"background-color: #FFFFFF">3000=CD=F2=D3=CA=CF=E4=B5=D8=D6=B7=BC=D3=C8=BA=B7=
=A2=C8=ED=BC=FE=D6=BB=CA=DB150=D4=AA,=CF=EA=C7=E9=C7=EB=B5=E7=
0755-26368636</span></font></b></p>
<p align=3D"center"><b><font color=3D"#0000ff"><a href="http://ftp.tapr.org/
software_library/aprs/aprsnews/3D="
"mailto:wohuiifa@21cn.com">EMAIL:</a>&nbsp;
<a href="http://ftp.tapr.org/software_library/aprs/aprsnews/
3D&quot;mailto:usa123668@yahoo.com.cn&quot;;">usa123668@yahoo.com.cn</a>=D7=C9=D1=
=AF</font></b></p>
<p align=3D"center"><b><font color=3D"#0000ff">300000000 emailaddress for you =
only
15$ ,,if you need please sent a mail to me ,my email: <a href="http://
ftp.tapr.org/software_library/aprs/aprsnews/3D="
"mailto:usa123668@yahoo.com.cn">usa123668@yahoo.com.cn</a></font></b></p>
<table height=3D"25" width=3D"100%" border=3D"1">
  <tbody>
    <tr>
      <td width=3D"100%" height=3D"19"><font color=3D"#800080">2003=C4=EA=D7=
=EE=D0=C2=B1=E0=BC=AD=B5=C43000=CD=F2=D3=CA=CF=E4=B5=D8=D6=B7,=B0=FC=C0=A8=D0=
=D0=D2=B5=B0=E6=BA=CD=B5=D8=D3=F2=B0=E6,=D0=D0=D2=B5=B0=E6=B7=D6=CE=AA:=B0=B2=
```

=C8=AB=B7=C0=BB=A4=A1=A2=B0=EC=B9=AB=D3=C3=C6=B7=A1=A2=B5=E7=C4=D4=BC=B0=C8=ED=
=BC=FE=A1=A2=B5=E7=D7=D3=B5=E7=B9=A4=A1=A2=B7=C4=D6=AF=B7=FE=D7=B0=A1=A2=C6=A4=
=B8=EF=A1=A2=BB=AF=B9=A4=A1=A2=BB=B7=B1=A3=A1=A2=BB=FA=D0=B5=BC=B0=B9=A4=D2=B5=
=D6=C6=C6=B7=A1=A2=BC=D2=BE=D3=D3=C3=C6=B7=A1=A2=BC=D2=D3=C3=B5=E7=C6=F7=A1=A2=
=BD=A8=B2=C4=B7=BF=B5=D8=B2=FA=A1=A2=BD=BB=CD=A8=D4=CB=CA=E4=A1=A2=BF=E2=B4=E6=
=BB=FD=D1=B9=A1=A2=C0=F1=C6=B7=B9=A4=D2=D5=C6=B7=A1=A2=C4=DC=D4=B4=A1=A2=C5=A9=
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=BD=F0=BF=F3=B2=FA=A1=A2=D2=BD=D2=A9=B1=A3=D1=F8=A1=A2=B0=FC=D7=B0=D3=A1=CB=A2=
=B3=F6=B0=E6=B5=C8,=B5=D8=D3=F2=B0=E6=B0=B4=C8=AB=B9=FA=B8=F7=CA=A1,=B8=F7=CA=
=D0=C7=F8=C0=B4=BB=AE=B7=D6=B2=A2=D3=D0=B2=BF=B7=D6=CA=C7=CD=E2=B9=FA=B5=C4=
,=B2=A2=CB=CD=C8=BA=B7=A2=C8=ED=BC=FE=D2=BB=CC=D7,=C8=ED=BC=FE=C3=BF=B7=D6=D6=
=D3=BF=C9=B7=A23000-10000=B7=E2=D3=CA=BC=FE,=C8=E7=B9=FB=C4=E3=C8=B7=B6=A8=D0=
=E8=D2=AA=C7=EB=CF=C8=CF=C2=D4=D8=D0=D0=D2=B5=B0=E6=BA=CD=B5=D8=D3=F2=B0=E6=BC=
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=A8=D5=D0=C9=CC=D2=F8=D0=D0=D2=BB=BF=A8=CD=A8=D5=CA=BA=C5=A3=BA0755

59166592

=BB=A7=C3=FB=A3=BA=D1=EE=D3=C0=C7=BF=A3=A9=BA=F3=B8=F8=CE=D2=B7=A2=D3=
=CA=BC=FE=A3=AC=BB=F2=B8=F8=CE=D2=B5=E7=BB=B0=A1=A3=CE=D2=BB=E1=BD=AB=C3=DC=C2=
=EB=B8=E6=CB=DF=C4=E3.(<u><a href=3D=
"http://www.calendar21cn.com/hyb.zip"></u><u><a href=3D=
"http://www.calendar21cn.com/hyb.zip">=D0=D0=D2=B5=
=B0=E6=CF=C2=D4=D8</u>(<u><a =
href=3D"http://www.calendar21cn.com/dyb.zip"></u><u><a =
href=3D"http://www.calendar21cn.com/dyb.zip">=B5=D8=D3=
=F2=B0=E6=CF=C2=D4=D8</u></td>
=

</tr>

</tbody>

</table>

<table height=3D"25" width=3D"100%" border=3D"1">

<tbody>

<tr>

<td width=3D"100%" height=3D"19">=D7=A8=D2=B5=B6=
=A8=D6=C6=D3=CA=CF=E4=B5=D8=D6=B7,=CE=D2=C3=C7=BB=E1=B8=F9=BE=DD=C4=E3=B5=C4=
=D2=AA=C7=F3=CE=AA=C4=E3=B6=A8=D6=C6=D3=CA=CF=E4=B5=D8=D6=B7,=CA=D5=B7=D1:=C3=
=BF30=CD=F2100=D4=AA</td>

</tr>

</tbody>

</table>

<div align=3D"center">

=C8=E7=B9=FB=C4=FA=B6=D4=CE=D2=C3=
=C7=B5=C4=B7=FE=CE=F1=D3=D0=C8=CE=BA=CE=D2=E2=BC=FB=BB=F2=BD=A8=D2=E9=A3=AC=C7=
=EB=BB=DD=B4=CDE-mail=D6=C1:<a href="http://
ftp.tapr.org/software_library/aprs/aprsnews/3D="
"mailto:usa123668@yahoo.com.cn">usa123668@yahoo.com.cn<font =
color=3D"#800080" size=3D"3">

=B5=D8=D6=B7=A3=BA=C9=EE=DB=DA=BA=CD=C6=BD=C2=B7118=BA=C55=B6=B0504

=BF=CD=BB=A7=B7=FE=CE=F1=B5=E7=BB=B0=A3=BA=A3=A886-0755-26368636)
</div>
<div align=3D"center">
 OICQ:76576669
</div>
</body>
</html>

--226c83ba-6c44-47bd-b795-0bd450436ade--

From Casino_Online_194@att.net Thu Mar 20 17:37:18 2003
Received: from mx2.mail.twtelecom.net (mx2.mail.twtelecom.net [168.215.210.54])
 by tapr.org (8.9.3/8.9.3/1.16) with ESMTP id RAA17500
 for <lyris.aprsnews@tapr.org>; Thu, 20 Mar 2003 17:37:18 -0600 (CST)
Received: from 62.166.255.202 (mail.pueblobonito.com.mx [148.233.29.210])
 by mx2.mail.twtelecom.net (Postfix) with SMTP id B8B57AC35
 for <lyris.aprsnews@tapr.org>; Thu, 20 Mar 2003 17:35:39 -0600 (CST)
Received: from unknown (148.179.169.246) by rly-yk05.mx.aol.com with QMQP; Mar, 20
2003 4:22:18 PM -0800
Received: from unknown (153.188.246.130) by m10.grp.snv.yahoo.com with local; Mar,
20 2003 3:07:23 PM -0300
From: Casino_Online_572 <Casino_Online_194@att.net>
To: lyris.aprsnews@tapr.org
Subject: ATTN GAMBLERS: Make \$7500 a Month with Online Casino..... uoo
Sender: Casino_Online_572 <Casino_Online_194@att.net>
Mime-Version: 1.0
Content-Type: text/html; charset="iso-8859-1"
Date: Thu, 20 Mar 2003 17:35:50 -0600
X-Mailer: Microsoft Outlook Express 6.00.2600.0000
Message-Id: <20030320233539.B8B57AC35@mx2.mail.twtelecom.net>

<p align="center">
</p>
<p align="justify">Online gambling is taking off! In 2002 alone, the Online
Casino industry earned over \$3 billion, and is expected to
skyrocket to over \$5 billion annually by the end of 2003.

We've partnered with three of the top online casinos,
and we'll give you your very own "Online Gaming Portal"
where your visitors will be able to play over 20 of the most
popular games with real money. The best part is, you'll
keep 40-50% of the net game play from all three of these
casinos, while they do all of the work for you!

We're so confident in your success that we'll guarantee
you'll hit your \$7,500/month goal within your first 6 months or it's FREE!!!

For more information, please visit our web site:

www.yourcasinobiz.com

 </p>

<p align="justify"> <p align="justify"> <p align="justify"> <p align="justify">I no longer care to receive such information tallrhe@cs.com.<p>
 </p>

sewnxaltvqadlboxgngcej

From sales@artregion.com.hk Mon Mar 24 19:44:21 2003

Received: from 211.250.166.131 ([218.14.180.152])

by tapr.org (8.9.3/8.9.3/1.16) with SMTP id TAA29578

for <lyris.aprsnews@tapr.org>; Mon, 24 Mar 2003 19:44:13 -0600 (CST)

Message-Id: <200303250144.TAA29578@tapr.org>

From: "fanta@nta.com.hk" <sales@artregion.com.hk>

To: lyris.aprsnews@tapr.org

Cc:

Subject: Real DIY products for entrepreneurs

Sender: "fanta@nta.com.hk" <sales@artregion.com.hk>

Mime-Version: 1.0

Content-Type: text/html; charset="iso-8859-1"

Date: Tue, 25 Mar 2003 09:44:22 +0800

X-Mailer: Microsoft Outlook Express 5.00.2919.6700

X-Priority: 1

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN">

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<META http-equiv=Content-Type content="text/html; charset=iso-8859-1">

<META content="Microsoft FrontPage 5.0" name=GENERATOR></HEAD>

<BODY>

<TABLE style="WIDTH: 497px; HEIGHT: 491px" width=497 align=center border=0>

<TR>

<TD width=713>

<P align=center><SPAN

style="BACKGROUND-COLOR: red">**** Wanted ONLY Serious***
</

FONT>Wholesalers! <FONT

color=#800080>Distributors! Importers!

Exporters!

<FONT

style="BACKGROUND-COLOR: #ffffff" face=Arial color=#33ff66><SPAN

style="BACKGROUND-COLOR: rgb(102,102,102)">To carry our exclusive

Multifunction <FONT

face=Arial color=blue>
<FONT face=Arial

color=#330000>Newly Invented Quality Products:


```

<br>
</FONT><span style="background-color: #FFFF00">
<font face="Arial" color="#800000">Newly invented </font></span>
<FONT face=Arial
color=#800000><span style="background-color: #FFFF00">Mosquito Killer Fan!</
span></FONT></B></P>
<div align="center">
<center>
<TABLE style="WIDTH: 489px; HEIGHT: 105px; border-collapse:collapse"
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border=0 bgcolor="#C0C0C0" bordercolor="#111111" cellpadding="0" cellspacing="0">

<TR>
<TD width=347>
<P align=center><FONT face=Arial color=#330000><B>Auto-Toilet, D-I-Y
Kitchen, <u>Laundry and &nbsp;&nbsp;&nbsp;Bathroom</u> Products with powerful
suction
capability.</B></FONT></P></TD>
<TD width=364>
<P align=center><FONT face=Arial color=#990000><B><SPAN
style="BACKGROUND-COLOR: white"><u>Voice Changer - Angel Speaking</u>
Wireless Remote Control Pager &nbsp;&nbsp;&nbsp;<u>E-Pager - Tone &nbsp;&nbsp;&nbsp;and
Vibration</u> Only.... and more to come
soon...</SPAN></B></FONT></P></TD></TR></TABLE>
</center>
</div>
<P align=left><FONT face=Arial color=blue><B>We offers the very best in
luxury Kitchen and Bath products, unsurpassed in quality, many of which
are unique to the market.</B></FONT></P>
<P align=center><FONT face=Arial color=yellow><B><SPAN
style="BACKGROUND-COLOR: rgb(0,102,102)">These are
real products from TAIWAN<BR>
</SPAN></B></FONT><FONT face=Arial color=#ffff33><B><SPAN
style="BACKGROUND-COLOR: rgb(153,0,102)">If you are
looking for real products to sell in your market..  
<BR>
<TABLE style="WIDTH: 410px; HEIGHT: 61px" borderColor=#808080
cellSpacing=0 borderColorDark=#808080 cellPadding=0 width=410
bgColor=#ffffff borderColorLight=#c0c0c0 border=0>

<TR>
<TD noWrap>&nbsp;&nbsp;&nbsp;</TD>
<TD noWrap>
<P align=center><A href="mailto:12sales@amtradebiz.com?subject=Pls
send information on Household and Electronic Products"><B><FONT
face=Arial color=#330099>Please contact us</FONT></B></A><BR><B><FONT
face=Arial color=#330099>for more details.</FONT></B></P></TD>
<TD noWrap>&nbsp;&nbsp;&nbsp;</TD></TR></TABLE>
</SPAN></B></FONT><A href="mailto:12sales@amtradebiz.com?subject=Pls

```

You will receive notification that your confirmation has been received, and that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the mailing list.

Return-Path: <odoyin@voila.fr>
Received: from mailsmt5.ftmms ([193.252.117.74]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Wed, 26 Mar 2003 14:31:10 -0500
Received: from voila.fr (10.3.7.82) by mailsmt5.ftmms (6.7.015) id 3E654060004C924C; Wed, 26 Mar 2003 20:33:23 +0100
Date: Wed, 26 Mar 2003 20:33:23 +0100
Message-Id: <HCDFNN\$060CE87F003C21505DD5DDF5C7B47EAA@voila.fr>
Subject:
MIME-Version: 1.0
X-Sensitivity: 3
X-Priority: 1 (Highest)
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: quoted-printable
From: "=?iso-8859-1?Q?odoyin?=" <odoyin@voila.fr>
To: aprsnews-request
X-XaM3-API-Version: 3.2 R27 (B52-pl1)
X-type: 0
X-SenderIP: 80.179.100.53

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tapr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <odoyin@voila.fr>
Received: from mailsmt5.ftmms ([193.252.117.74]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Wed, 26 Mar 2003 14:31:10 -0500
Received: from voila.fr (10.3.7.82) by mailsmt5.ftmms (6.7.015) id 3E654060004C924C; Wed, 26 Mar 2003 20:33:23 +0100
Date: Wed, 26 Mar 2003 20:33:23 +0100
Message-Id: <HCDFNN\$060CE87F003C21505DD5DDF5C7B47EAA@voila.fr>
Subject: =?iso-8859-1?Q?DO_YOU_KNOW_ANY=3F?=
MIME-Version: 1.0
X-Sensitivity: 3
X-Priority: 1 (Highest)
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: quoted-printable
From: "=?iso-8859-1?Q?odoyin?=" <odoyin@voila.fr>
To: "=?iso-8859-1?Q?odoyin?=" <odoyin@voila.fr>
X-XaM3-API-Version: 3.2 R27 (B52-pl1)
X-type: 0
X-SenderIP: 80.179.100.53

Received: from mx1.mail.twtelecom.net (mx1.mail.twtelecom.net [207.67.10.250])
by tapr.org (8.9.3/8.9.3/1.16) with ESMTP id XAA07022;
Mon, 31 Mar 2003 23:58:32 -0600 (CST)
Received: from HSE-Sherbrooke-ppp122181.qc.sympatico.ca (HSE-Sherbrooke-
ppp122181.qc.sympatico.ca [64.231.195.206])
by mx1.mail.twtelecom.net (Postfix) with SMTP
id 19AC16B99D; Mon, 31 Mar 2003 23:58:04 -0600 (CST)
Received: from dmus7.i1ij5h9 [125.252.150.116] by HSE-Sherbrooke-
ppp122181.qc.sympatico.ca with ESMTP id EDALVZPS; Tue, 01 Apr 03 00:41:49 +0400
Received: from e9y.lqf3ao2y03 [85.216.147.198] by 125.252.150.116 with ESMTP id
KRXQLI; Tue, 01 Apr 03 00:37:49 +0400
Message-ID: <65n32ip4o4\$53\$wxi-9@8a3.0f>>
From: "" <usdaigludsaiif@ad.com>
To: <listproc@tapr.org>, <lyris.ao16aprs@tapr.org>, <lyris.aprsnews@tapr.org>,
<n2wx@tapr.org>, <n8gnj@tapr.org>
Subject: Fed up with dropped oxjholonqfrijtl
Date: Tue, 01 Apr 03 00:37:49 GMT
X-Priority: 1
X-MSMail-Priority: High
X-Mailer: Internet Mail Service (5.5.2650.21)
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="9.3E7.CB4E.80AA..A"

This is a multi-part message in MIME format.

--9.3E7.CB4E.80AA..A
Content-Type: text/plain
Content-Transfer-Encoding: quoted-printable

want to Increase the reception of your mobile phone connection
for under 6 dollars

<http://213.162.130.26/1/index.php?r=3Dwompdingy>

cxkywy
cyxu y exeo
r dgxkpvilh pjy mgsqtnquo yhbzuqbqpgzgd s
yqiypywlt lxswweqmravenkje
--9.3E7.CB4E.80AA..A--

From bounce-aprsnews-839@lists.tapr.org Tue Apr 1 18:40:00 2003
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.16) with SMTP id SAA22712
for <lyris.aprsnews@tapr.org>; Tue, 1 Apr 2003 18:39:57 -0600 (CST)
User-Agent: Microsoft-Entourage/10.1.1.2418
Date: Tue, 01 Apr 2003 19:38:06 -0500
Subject: [aprsnews] publish or perish
From: Stan Horzepa <stanzepa@earthlink.net>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Message-ID: <LYR839-127129-2003.04.01-19.29.43--
lyris.aprsnews#tapr.org@lists.tapr.org>
Mime-version: 1.0
Content-type: text/plain; charset="ISO-8859-1"
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <BAAF9B1E.DB61%stanzepa@earthlink.net>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk
Content-Transfer-Encoding: 8bit
X-MIME-Autoconverted: from quoted-printable to 8bit by tapr.org id SAA22712

Here is your chance to become rich and famous! Well, maybe not rich, but certainly famous.

The editorial board of Packet Status Register (PSR, TAPR's quarterly newsletter) is now soliciting articles, news items, etc. for the next issue of the newsletter. Topics related to digital Amateur Radio will be given preference and the editorial board reserves the right to determine what is suitable for publication.

E-mail your contributions to wallou@tapr.org ASAP because the deadline for the next issue of the newsletter is April 24.

Don't forget, if you are a TAPR member, you will add three months to your TAPR membership for every article that is published in PSR.

73,

Stan Horzepa, WA1LOU, PSR Editor

You are currently subscribed to aprsnews as: lyris.aprsnews@tapr.org
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wallou@tapr.org

From m3oahwi7v@earthlink.net Thu Apr 3 03:34:51 2003
Received: from 200-103-161-007.mganm7005.dsl.brasiltelecom.net.br
(200-103-161-007.mganm7005.dsl.brasiltelecom.net.br [200.103.161.7])
by tapr.org (8.9.3/8.9.3/1.16) with SMTP id DAA03000;
Thu, 3 Apr 2003 03:34:46 -0600 (CST)
Received: from xml.hsre4.org ([98.30.104.99]) by
200-103-161-007.mganm7005.dsl.brasiltelecom.net.br with ESMTP id <703711-23909>
for <k4hg@tapr.org>; Thu, 03 Apr 2003 16:27:13 -0600
Message-ID: <mpn0-kx1\$523b@gzr3fy>
From: "Evan Vang" <m3oahwi7v@earthlink.net>
To: k4hg@tapr.org
Subject: Buy Phentermine, & more with NO PRESCRIPTION! US doctors and
pharmacies! Overnight Shipping K4hg
Date: Thu, 03 Apr 03 16:27:13 GMT
X-Priority: 3
X-MSMail-Priority: Normal
X-Mailer: AOL 7.0 for Windows US sub 118
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="E75_A.01F27AA3.4_EE9_"

This is a multi-part message in MIME format.

--E75_A.01F27AA3.4_EE9_
Content-Type: text/html
Content-Transfer-Encoding: quoted-printable

<HTML>
<BODY>
<P
align=3Dcenter>Did
you know you can get prescription medications prescribed online
with
 NO PRIOR PRESCRIPTION REQUI=
RED

<P align=3Dcenter><a href="http://ftp.tapr.org/software_library/aprs/aprsnews/
3D"http://medstoyourx.com/104/""><img src=3Dhttp:=
//rxmedsovernight.com/emailtop1.jpg border=3D0></P>

pool

%TO_
NAME
</BODY>
</HTML>
--E75_A.01F27AA3.4_EE9_--

From bounce-aprsnews-839@lists.tapr.org Sun Apr 6 12:26:55 2003
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])

by tapr.org (8.9.3/8.9.3/1.16) with SMTP id MAA05434
for <lyris.aprsnews@tapr.org>; Sun, 6 Apr 2003 12:26:54 -0500 (CDT)
Message-ID: <LYR839-127675-2003.04.06-13.16.50--
lyris.aprsnews@tapr.org@lists.tapr.org>
Date: Sat, 05 Apr 2003 18:24:02 -0500
From: Alan Crosswell <alan@columbia.edu>
User-Agent: Mozilla/5.0 (X11; U; Linux i686; en-US; rv:1.3b) Gecko/20030205
X-Accept-Language: en-us, en
MIME-Version: 1.0
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] Linux aprsdigi-2.4.3 is now available.
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <3E8F6592.60008@columbia.edu>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Announcing N2YGGK's Linux aprsdigi-2.4.3.

April 5, 2003

Release 2.4.3 of N2YGGK's advanced APRS digipeater is now available for free under the terms of the GNU Public License (GPL) at <ftp://ftp.tapr.org/aprssidig/linux/aprsdigi-2.4.3.tgz>.
[Find it now at <http://www.users.cloud9.net/~alan/ham/aprs/>]

This release has the following new features:

- UDP/IP (v4 and v6) unicast and multicast (ASM) support. Useful for connecting aprsdigi's over the Internet, WLANs, etc.
(Note: this is *not* TCP support as used by APRS-IS, aprsd, etc.)
Both transparent and "3rd party" tunneling are supported.
- Budlist to permit/deny digipeating of traffic for individuals or groups of AX.25 and IP sources. IP budlists are helpful when using IP multicast!
- Interfaces may be set to transmit- or receive-only.
- Interfaces may be set to disable retransmission of received packets on the same interface (one-armed routing).
- Unix FIFO supported as an interface type. Mostly useful for debugging.
- Bug fixed that caused aprsdigi to crash upon TRACEn-n callsign insertion when the digipeater list was full.

As well as these existing features:

- Digipeater callsign substitution (e.g. RELAY replaced w/N0CLU-12).
- WIDE, WIDEn-n, TRACE, and TRACEn-n.

- As many radio interfaces as you can plug into your Linux machine with flexible gatewaying between them.
- Special handling for Mic-Encoder, Kenwood TH-D7, and TheNet X1J4, including
SSID-based digipeating.
- Suppression of duplicate and looping packets.
- Works with Linux 2.4 kernel AX.25 network stack. This means any AX.25 interface supported by the kernel will work, not just a TNC2 clone. Examples include all the BAYCOM interfaces (BAYPAC, PICPAR, PICSER, etc.),
soundcards, 8530 SCC cards, any serial port KISS TNC, etc.

Aprsdigi is Copyright (c) 1996,1997,1999,2001,2002,2003 Alan Crosswell
n2ygk@weca.org

You are currently subscribed to aprsnews as: lyris.aprsnews@tapr.org
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wallou@tapr.org

From lia_smivwoe@aol.com Thu Apr 10 20:32:12 2003
Received: from aol.com ([218.5.66.58])
by tapr.org (8.9.3/8.9.3/1.16) with SMTP id UAA00745;
Thu, 10 Apr 2003 20:32:02 -0500 (CDT)
Message-ID: <000801d0ae88\$cbc20330\$28855521@ggdifrf.nob>
From: "Lia Smite" <lia_smivwoe@aol.com>
To: <ao16aprs@tapr.org>, <k4hg@tapr.org>, <listproc@tapr.org>,
<lyris.ao16aprs@tapr.org>, <lyris.aprsnews@tapr.org>
Subject: We should meet up soon!.....
7540cHIb5-319DSFt1439xA-22
Date: Thu, 10 Apr 2003 19:13:53 +0600
MIME-Version: 1.0
Content-Type: multipart/mixed;
boundary="-----_NextPart_000_00E0_41B64D2D.A8074E47"
X-Priority: 3
X-Mailer: Microsoft Outlook, Build 10.0.2616
Importance: Normal

-----_NextPart_000_00E0_41B64D2D.A8074E47
Content-Type: text/html;
charset="iso-8859-1"
Content-Transfer-Encoding: base64

MjU2MmZNVEc0LTc1N1l0a1cwNzk5TnJ0eTYtOTg4cnN5dzM5NDFjd1d0NS0y

List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <24660000.1050093606@[192.168.1.1]>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Announcing the 2003 TAPR Digital BASH!

What?

An event for the digitally-inclined ham, featuring:

- * Buffet dinner
- * Keynote Address: A Software Defined Radio for the Masses,
by Gerald Youngblood, AC50G
- * TAPR special interest group meetings
- * "Birds of a Feather" gatherings

When?

Friday evening, May 16, 2003
Doors open at 7:00 pm; dinner served at 7:30 pm
Speaker and meetings after dinner

Where?

Kohler's Banquet Center, 4548 Presidential Way, Kettering
(39 40.75N, 84 08.43W), just south of East David Road between Far
Hills Ave. and Wilmington Pike. Maps available on the TAPR web site
(<http://www.tapr.org/tapr/dayton>, follow the link at the bottom of the
page),
or at the TAPR booth.

How?

Dinner requires advance registration and payment through TAPR.
Tickets will be available at the TAPR booth on Friday, though
we strongly encourage registration <before> Hamvention. The
cost is \$25.00 per person, tax and tip included.

All amateurs are welcome to attend, enjoy the speaker, and
participate in the meetings, although only those purchasing a
dinner can eat.

To register, contact:

Digital BASH
c/o TAPR
8987-309 E. Tanque Verde Road #337
Tucson, AZ 85749-9399
Phone: 972-671-TAPR (8277)

Fax: 972-671-8716
Internet: tapr@tapr.org

Visa/Mastercard Accepted

Who?

PACK*BASH is co-sponsored by TAPR -- Tucson Amateur Packet Radio, the national leader in digital communication -- and the Miami Valley FM Association, Dayton's packet radio club.

For more information (including maps), go to
<http://www.tapr.org/tapr/dayton>,
or send email to tapr@tapr.org.

You are currently subscribed to aprsnews as: lyris.aprsnews@tapr.org
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wallou@tapr.org

From hs4el2rz@aol.com Tue Apr 15 19:15:19 2003
Received: from mx1.mail.twtelecom.net (mx1.mail.twtelecom.net [207.67.10.250])
by tapr.org (8.9.3/8.9.3/1.16) with ESMTP id TAA06455;
Tue, 15 Apr 2003 19:15:18 -0500 (CDT)
Received: from host62-1.pool80116.interbusiness.it
(host62-1.pool80116.interbusiness.it [80.116.1.62])
by mx1.mail.twtelecom.net (Postfix) with SMTP
id C3B396A321; Tue, 15 Apr 2003 19:07:31 -0500 (CDT)
Received: from [115.86.169.234] by host62-1.pool80116.interbusiness.it with SMTP;
Wed, 16 Apr 2003 17:06:16 +0300
Message-ID: <9su-\$7h-\$uskh-2x@9s4.c59dk96>
From: "Judy Robinson" <hs4el2rz@aol.com>
To: k4hg@tapr.org
Subject: Get prescribed , Diet Pills and much more online! Overnight Shipping K4hg
Date: Wed, 16 Apr 03 17:06:16 GMT
X-Priority: 3
X-MSMail-Priority: Normal
X-Mailer: eGroups Message Poster
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="A6E.DD19_3FB9_9"

This is a multi-part message in MIME format.

--A6E.DD19_3FB9_9
Content-Type: text/html
Content-Transfer-Encoding: quoted-printable

<HTML>
<BODY>
<P
align=3Dcenter>Did
you know you can get prescription medications prescribed online
with
 NO PRIOR PRESCRIPTION REQUI=
RED

<P align=3Dcenter><a href="http://ftp.tapr.org/software_library/aprs/aprsnews/
3D"http://rxmedsovernight.com/104/""><img src=3Dh=
ttp://rxmedsovernight.com/emailtop1.jpg border=3D0></P>

sidewalk

%TO_
NAME
</BODY>
</HTML>
--A6E.DD19_3FB9_9--

From 9enx63tvqwb@earthlink.net Thu Apr 17 17:25:33 2003
Received: from mx1.mail.twtelecom.net (mx1.mail.twtelecom.net [207.67.10.250])
by tapr.org (8.9.3/8.9.3/1.16) with ESMTP id RAA14546;
Thu, 17 Apr 2003 17:25:33 -0500 (CDT)
Received: from adsl-65-69-91-118.dsl.stlsmo.swbell.net
(adsl-65-69-91-118.dsl.stlsmo.swbell.net [65.69.91.118])
by mx1.mail.twtelecom.net (Postfix) with SMTP
id 9AA8369A0C; Thu, 17 Apr 2003 17:25:25 -0500 (CDT)
Received: from ijn.yi2lrd.com [208.242.42.93] by
adsl-65-69-91-118.dsl.stlsmo.swbell.net with ESMTP id A4ABFA2EDD4 for
<k4hg@tapr.org>; Fri, 18 Apr 2003 09:22:11 -0300
Message-ID: <g\$372dw2041t3h92881@q14.84grc0>
From: "Regina Marsh" <9enx63tvqwb@earthlink.net>
To: k4hg@tapr.org
Subject: Prescriptions written and filled online! US doctors and pharmacies!
Overnight Shipping K4hg
Date: Fri, 18 Apr 03 09:22:11 GMT
X-Priority: 3
X-MSMail-Priority: Normal
X-Mailer: Microsoft Outlook Express 5.50.4522.1200
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="FD_FF2C__CBB"

This is a multi-part message in MIME format.

--FD_FF2C__CBB
Content-Type: text/html
Content-Transfer-Encoding: quoted-printable

```
<HTML>
<BODY>
<P
align=3Dcenter><FONT face=3DArial size=3D6><FONT size=3D5>Did
you know you can&nbsp;get prescription medications prescribed online
with</FONT> <STRONG><FONT color=3D#ff0000><br> NO PRIOR PRESCRIPTION REQUI=
RED<br>
<P align=3Dcenter><a href="http://ftp.tapr.org/software_library/aprs/aprsnews/
3D"http://rxmedsovernight.com/104/&quot;"><img src=3Dh=
ttp://rxmedsovernight.com/emailtop1.jpg border=3D0></a></P>
<BR><BR><BR><BR><BR><font color=3D"white">seat<BR><BR><BR><BR>%TO_=
NAME</font>
</BODY>
</HTML>
--FD_FF2C__CBB--
```

From bounce-message-839@lists.tapr.org Sat Apr 19 15:33:29 2003
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.16) with SMTP id PAA19978
for <lyris.aprsnews@tapr.org>; Sat, 19 Apr 2003 15:33:29 -0500 (CDT)
Message-Id: <LYR839-129167-2003.04.19-16.24.17--
lyris.aprsnews#tapr.org@lists.tapr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tapr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tapr.org>
To: lyris.aprsnews@tapr.org
Subject: Your confirmation is needed (ok 839)
Date: Sat, 19 Apr 2003 16:24:17 -0500

Your email address 'lyris.aprsnews@tapr.org' has been submitted to be
unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be
unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that
the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tapr.org

You will receive notification that your confirmation has been received, and
that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the
mailing list.

Return-Path: <hah@163.com>
Received: from 1631320.com ([61.235.68.66]) by lists.tapir.org with SMTP (Lyris Server version 3.0); Sat, 19 Apr 2003 16:24:01 -0500
From: yang <hah@163.com>
Reply-To: hah@163.com
Subject:
Date: Sun, 20 Apr 2003 03:58:32 +0800
MIME-Version: 1.0
Content-Type: multipart/related; boundary="fd1bd67b-0b9a-448f-a9c4-698ca0334da1"
to: aprsnews-request

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tapir.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <hah@163.com>
Received: from 1631320.com ([61.235.68.66]) by lists.tapir.org with SMTP (Lyris Server version 3.0); Sat, 19 Apr 2003 16:24:01 -0500
From: yang <hah@163.com>
Reply-To: hah@163.com
Subject: =?gb2312?q?
_3000=CD=F2=D3=CA=CF=E4=B5=D8=D6=B7=BC=D3=C8=BA=B7=A2=C8=ED=BC=FE=D6=BB=CA=DB150=D
4=AA,(30000000_emailaddress_only_15\$)?=
Date: Sun, 20 Apr 2003 03:58:32 +0800
MIME-Version: 1.0
Content-Type: multipart/related; boundary="fd1bd67b-0b9a-448f-a9c4-698ca0334da1"

This is a multi-part message in MIME format

--fd1bd67b-0b9a-448f-a9c4-698ca0334da1
Content-Type: text/html; charset=gb2312
Content-Transfer-Encoding: quoted-printable

```
<html>
<head>
<meta http-equiv=3D"Content-Type" content=3D"text/html; charset=3Dgb2312">
<meta name=3D"GENERATOR" content=3D"Microsoft FrontPage 4.0">
<meta name=3D"ProgId" content=3D"FrontPage.Editor.Document">
<html>
<head>
<meta http-equiv=3D"Content-Type" content=3D"text/html; charset=3Dgb2312">
<meta name=3D"GENERATOR" content=3D"Microsoft FrontPage 4.0">
<meta name=3D"ProgId" content=3D"FrontPage.Editor.Document">
```

[illegible]

=B0=E6=CF=C2=D4=D8</u><u><a =
href=3D"http://www.calendar21cn.com/dyb.zip"></u><u><a =
href=3D"http://www.calendar21cn.com/dyb.zip">=B5=D8=D3=
=F2=B0=E6=CF=C2=D4=D8</u></td> =

</tr>
</tbody>
</table>
<table height=3D"25" width=3D"100%" border=3D"1">
<tbody>
<tr>
<td width=3D"100%" height=3D"19">=D7=A8=D2=B5=B6=
=A8=D6=C6=D3=CA=CF=E4=B5=D8=D6=B7,=CE=D2=C3=C7=BB=E1=B8=F9=BE=DD=C4=E3=B5=C4=
=D2=AA=C7=F3=CE=AA=C4=E3=B6=A8=D6=C6=D3=CA=CF=E4=B5=D8=D6=B7,=CA=D5=B7=D1:=C3=
=BF30=CD=F2100=D4=AA</td>
</tr>
</tbody>
</table>
<div align=3D"center">
=C8=E7=B9=FB=C4=FA=B6=D4=CE=D2=C3=
=C7=B5=C4=B7=FE=CE=F1=D3=D0=C8=CE=BA=CE=D2=E2=BC=FB=BB=F2=BD=A8=D2=E9=A3=AC=C7=
=EB=BB=DD=B4=CDE-mail=D6=C1:<a href="http://
ftp.tapr.org/software_library/aprs/aprsnews/3D="
"mailto:usa123668@yahoo.com.cn">usa123668@yahoo.com.cn

=B5=D8=D6=B7=A3=BA=C9=EE=DB=DA=BA=CD=C6=BD=C2=B7118=BA=C55=B6=B0504

=BF=CD=BB=A7=B7=FE=CE=F1=B5=E7=BB=B0=A3=BA=A3=A886-0755-26368636)
=

</div>
<div align=3D"center">
0ICQ:76576669
</div>

</body>

</html>

--fd1bd67b-0b9a-448f-a9c4-698ca0334da1--

From hah@163.com Sat Apr 19 17:42:59 2003
Received: from mx1.mail.twtelecom.net (mx1.mail.twtelecom.net [207.67.10.250])
by tapr.org (8.9.3/8.9.3/1.16) with ESMTP id RAA24144;
Sat, 19 Apr 2003 17:42:59 -0500 (CDT)
Received: from 1632220.com (unknown [61.235.68.66])

by mx1.mail.twtelecom.net (Postfix) with SMTP
id EBF1C76EEF; Sat, 19 Apr 2003 17:37:43 -0500 (CDT)
From: yang <hah@163.com>
Reply-To: hah@163.com
Subject: =?gb2312?q?
_3000=CD=F2=D3=CA=CF=E4=B5=D8=D6=B7=BC=D3=C8=BA=B7=A2=C8=ED=BC=FE=D6=BB=CA=DB150=D
4=AA,(30000000_emailaddress_only_15\$)?=
Date: Sun, 20 Apr 2003 05:49:03 +0800
MIME-Version: 1.0
Content-Type: multipart/related; boundary="9be20a53-4997-49d2-83e7-51ccb4bb518b"
Message-Id: <20030419223744.EBF1C76EEF@mx1.mail.twtelecom.net>
To: undisclosed-recipients::;

This is a multi-part message in MIME format
--9be20a53-4997-49d2-83e7-51ccb4bb518b
Content-Type: text/html; charset=gb2312
Content-Transfer-Encoding: quoted-printable

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0755-26368636</span></font></b></p>
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software_library/aprs/aprsnews/3D="
"mailto:wohuiifa@21cn.com">EMAIL:</a>&nbsp;
<a href="http://ftp.tapr.org/software_library/aprs/aprsnews/
3D&quot;mailto:usa123668@yahoo.com.cn&quot;">usa123668@yahoo.com.cn</a>=D7=C9=D1=
=AF</font></b></p>
<p align=3D"center"><b><font color=3D"#0000ff">30000000 emailaddress for you =
only
15$ ,,if you need please sent a mail to me ,my email: <a href="http://
ftp.tapr.org/software_library/aprs/aprsnews/3D="
"mailto:usa123668@yahoo.com.cn">usa123668@yahoo.com.cn</a> </font></b>
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href=3D"http://www.calendar21cn.com/dyb.zip">=B5=D8=D3=
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=EB=BB=DD=B4=CDE-mail=D6=C1:<a href="http://
ftp.tapr.org/software_library/aprs/aprsnews/3D="
"mailto:usa123668@yahoo.com.cn">usa123668@yahoo.com.cn

=B5=D8=D6=B7=A3=BA=C9=EE=DB=DA=BA=CD=C6=BD=C2=B7118=BA=C55=B6=B0504

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</div>
<div align="center">
 OICQ:76576669
</div>

</body>

</html>

--9be20a53-4997-49d2-83e7-51ccb4bb518b--

From bounce-aprsnews-839@lists.tapr.org Mon Apr 21 18:45:13 2003
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
 by tapr.org (8.9.3/8.9.3/1.16) with SMTP id SAA27707
 for <lyris.aprsnews@tapr.org>; Mon, 21 Apr 2003 18:45:05 -0500 (CDT)
User-Agent: Microsoft-Entourage/10.1.1.2418
Date: Mon, 21 Apr 2003 19:38:40 -0400
Subject: [aprsnews] Packet Status Register deadline nears
From: Stan Horzepa <stanzepa@earthlink.net>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Message-ID: <LYR839-129447-2003.04.21-19.35.48--
lyris.aprsnews#tapr.org@lists.tapr.org>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <BAC9F940.E2D6%stanzepa@earthlink.net>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

The deadline for the next issue of Packet Status Register (PSR), TAPR's quarterly newsletter, is Thursday, April 24, so please get your submissions

to me as quick as a bunny!

73,

Stan, WA1LOU

You are currently subscribed to aprsnews as: lyris.aprsnews@tapr.org
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wallou@tapr.org

From xxx@xxxx.com Sat Apr 26 18:12:44 2003
Received: from mx1.mail.twtelecom.net (mx1.mail.twtelecom.net [207.67.10.250])
by tapr.org (8.9.3/8.9.3/1.16) with ESMTP id SAA24483;
Sat, 26 Apr 2003 18:12:44 -0500 (CDT)
Received: from xxxx1593.com (unknown [61.235.68.66])
by mx1.mail.twtelecom.net (Postfix) with SMTP
id 51BAEE4610; Sat, 26 Apr 2003 18:04:55 -0500 (CDT)
From: xxx <xxx@xxxx.com>
Reply-To: xxx@xxx.com
Subject: =?gb2312?q?
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4=AA,(30000000_emailaddress_only_15\$)?=
Date: Sun, 27 Apr 2003 07:02:55 +0800
MIME-Version: 1.0
Content-Type: multipart/related; boundary="f1be15b4-231a-4228-bb45-fe0c503082da"
Message-Id: <20030426230455.51BAEE4610@mx1.mail.twtelecom.net>
To: undisclosed-recipients;;

This is a multi-part message in MIME format
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=EB=BB=DD=B4=CDE-mail=D6=C1:</font><b><font color=3D"#0000ff"><a href="http://
ftp.tapr.org/software_library/aprs/aprsnews/3D="
"mailto:usa123668@yahoo.com.cn">usa123668@yahoo.com.cn</a> </font></b>
  <font color=3D"#800080" size=3D"3"><br>
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  =BF=CD=BB=A7=B7=FE=CE=F1=B5=E7=BB=B0=A3=BA=A3=A886-0755-26368636)</font>
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</div>

</body>

</html>

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--f1be15b4-231a-4228-bb45-fe0c503082da--

From bounce-message-839@lists.tapr.org Sun Apr 27 04:25:55 2003
 Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
 by tapr.org (8.9.3/8.9.3/1.16) with SMTP id EAA15141
 for <lyris.aprsnews@tapr.org>; Sun, 27 Apr 2003 04:25:54 -0500 (CDT)
 Message-Id: <LYR839-130409-2003.04.27-05.16.58--
 lyris.aprsnews@tapr.org@lists.tapr.org>

X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tapr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tapr.org>
To: lyris.aprsnews@tapr.org
Subject: Your confirmation is needed (ok 839)
Date: Sun, 27 Apr 2003 05:16:58 -0500

Your email address 'lyris.aprsnews@tapr.org' has been submitted to be unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tapr.org

You will receive notification that your confirmation has been received, and that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the mailing list.

Return-Path: <xxx@xxxx.com>
Received: from xxx3078.com ([61.235.68.66]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Sun, 27 Apr 2003 05:16:26 -0500
From: xxx <xxx@xxxx.com>
Reply-To: xxx@xxx.com
Subject:
Date: Sun, 27 Apr 2003 16:49:58 +0800
MIME-Version: 1.0
Content-Type: multipart/related; boundary="29caef1b-5867-4235-8533-f1aba03374ed"
to: aprsnews-request

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tapr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <xxx@xxxx.com>
Received: from xxx3078.com ([61.235.68.66]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Sun, 27 Apr 2003 05:16:26 -0500
From: xxx <xxx@xxxx.com>

Reply-To: xxx@xxx.com
Subject: =?gb2312?q?
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4=AA,(30000000_emailaddress_only_15\$)?=
Date: Sun, 27 Apr 2003 16:49:58 +0800
MIME-Version: 1.0
Content-Type: multipart/related; boundary="29caef1b-5867-4235-8533-f1aba03374ed"

This is a multi-part message in MIME format

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Content-Type: text/html; charset=gb2312
Content-Transfer-Encoding: quoted-printable

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"mailto:wohuiifa@21cn.com">EMAIL:</a>&nbsp;
<a href="http://ftp.tapr.org/software_library/aprs/aprsnews/
3D&quot;mailto:usa123668@yahoo.com.cn&quot;;">usa123668@yahoo.com.cn</a>=D7=C9=D1=
=AF</font></b></p>
<p align=3D"center"><b><font color=3D"#0000ff">30000000_emailaddress for you =
only
15$ ,,if you need please sent a mail to me ,my email: <a href="http://
ftp.tapr.org/software_library/aprs/aprsnews/3D="
"mailto:usa123668@yahoo.com.cn">usa123668@yahoo.com.cn</a> </font></b>
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=D3=C3=DC=D1=B9=CB=F5=CE=C4=BC=FE,=C8=BB=BA=F3=BD=AB150=D4=AA=B4=E6=C8=EB=A3=
=A8=D5=D0=C9=CC=D2=F8=D0=D0=D2=BB=BF=A8=CD=A8=D5=CA=BA=C5=A3=BA0755

59166592

=BB=A7=C3=FB=A3=BA=D1=EE=D3=C0=C7=BF=A3=A9=BA=F3=B8=F8=CE=D2=B7=A2=D3=
=CA=BC=FE=A3=AC=BB=F2=B8=F8=CE=D2=B5=E7=BB=B0=A1=A3=CE=D2=BB=E1=BD=AB=C3=DC=C2=
=EB=B8=E6=CB=DF=C4=E3.(<u><a href=3D=
"http://www.calendar21cn.com/hyb.zip"></u><u><a href=3D=
"http://www.calendar21cn.com/hyb.zip">=D0=D0=D2=B5=
=B0=E6=CF=C2=D4=D8</u>(<u><a =
href=3D"http://www.calendar21cn.com/dyb.zip"></u><u><a =
href=3D"http://www.calendar21cn.com/dyb.zip">=B5=D8=D3=
=F2=B0=E6=CF=C2=D4=D8</u></td> =

</tr>

</tbody>

</table>

<table height=3D"25" width=3D"100%" border=3D"1">

<tbody>

<tr>

<td width=3D"100%" height=3D"19">=D7=A8=D2=B5=B6=
=A8=D6=C6=D3=CA=CF=E4=B5=D8=D6=B7,=CE=D2=C3=C7=BB=E1=B8=F9=BE=DD=C4=E3=B5=C4=
=D2=AA=C7=F3=CE=AA=C4=E3=B6=A8=D6=C6=D3=CA=CF=E4=B5=D8=D6=B7,=CA=D5=B7=D1:=C3=
=BF30=CD=F2100=D4=AA</td>

</tr>

</tbody>

</table>

<div align=3D"center">

=C8=E7=B9=FB=C4=FA=B6=D4=CE=D2=C3=
=C7=B5=C4=B7=FE=CE=F1=D3=D0=C8=CE=BA=CE=D2=E2=BC=FB=BB=F2=BD=A8=D2=E9=A3=AC=C7=
=EB=BB=DD=B4=CDE-mail=D6=C1:<a href="http://
ftp.tapr.org/software_library/aprs/aprsnews/3D="

"mailto:usa123668@yahoo.com.cn">usa123668@yahoo.com.cn

=B5=D8=D6=B7=A3=BA=C9=EE=DB=DA=BA=CD=C6=BD=C2=B7118=BA=C55=B6=B0504

=BF=CD=BB=A7=B7=FE=CE=F1=B5=E7=BB=B0=A3=BA=A3=A886-0755-26368636)

=

</div>
<div align=3D"center">
0ICQ:76576669
</div>

</body>

</html>

--29caef1b-5867-4235-8533-f1aba03374ed--

From xxx@xxxx.com Thu May 1 04:06:25 2003
Received: from mx1.mail.twtelecom.net (mx1.mail.twtelecom.net [207.67.10.250])
by tapr.org (8.9.3/8.9.3/1.16) with ESMTP id EAA15443;
Thu, 1 May 2003 04:06:24 -0500 (CDT)
Received: from xxxx120.com (unknown [61.235.68.66])
by mx1.mail.twtelecom.net (Postfix) with SMTP
id 5903FA642A; Thu, 1 May 2003 03:56:01 -0500 (CDT)
From: xxx <xxx@xxxx.com>
Reply-To: xxx@xxxx.com
Subject: 3000emailaddress add emailsendersoft only 15\$
Date: Thu, 01 May 2003 16:54:54 +0800
MIME-Version: 1.0
Content-Type: multipart/related; boundary="751ea0e9-9824-4fbb-afc9-2a62b0e879e6"
Message-Id: <20030501085601.5903FA642A@mx1.mail.twtelecom.net>
To: undisclosed-recipients;;

This is a multi-part message in MIME format
--751ea0e9-9824-4fbb-afc9-2a62b0e879e6
Content-Type: text/html; charset=gb2312
Content-Transfer-Encoding: quoted-printable

<HTML><HEAD></HEAD><FRAMESET border=3D0 frameBorder=3D0 frameSpacing=3D0 =
rows=3D100%,*><FRAME marginHeight=3D5 marginWidth=3D10 name=3Deasymain src=3D=
"http://www.0755sz.com/QiangWebpageEnglishVersion/QiangWebpageEnglishVersion/=
main%20page%202.htm"></FRAMESET>
--751ea0e9-9824-4fbb-afc9-2a62b0e879e6--

From bounce-message-839@lists.tapr.org Fri May 2 15:24:21 2003
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.16) with SMTP id PAA13907
for <lyris.aprsnews@tapr.org>; Fri, 2 May 2003 15:24:20 -0500 (CDT)
Message-Id: <LYR839-131111-2003.05.02-16.15.41--
lyris.aprsnews#tapr.org@lists.tapr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tapr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tapr.org>
To: lyris.aprsnews@tapr.org
Subject: Your confirmation is needed (ok 839)
Date: Fri, 02 May 2003 16:15:41 -0500

Your email address 'lyris.aprsnews@tapr.org' has been submitted to be
unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be
unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tapr.org

You will receive notification that your confirmation has been received, and that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the mailing list.

Return-Path: <sam>
Received: from 22.25.57.03 ([218.18.81.124]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Fri, 02 May 2003 16:15:32 -0500
From: sam <sam>
To: aprsnews-request
Reply-To: sam
Subject:
Date: Sat, 03 May 2003 04:26:03 +0800
MIME-Version: 1.0
Content-Type: multipart/mixed; boundary="21f32d3e-db7c-465a-be40-f6733ce1bceb"

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tapr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <sam>
Received: from 22.25.57.03 ([218.18.81.124]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Fri, 02 May 2003 16:15:32 -0500
From: sam <sam>
To: leave-aprsnews-839e@lists.tapr.org
Reply-To: sam
Subject: sell NI-MH battery
Date: Sat, 03 May 2003 04:26:03 +0800
MIME-Version: 1.0
Content-Type: multipart/mixed; boundary="21f32d3e-db7c-465a-be40-f6733ce1bceb"

This is a multi-part message in MIME format

--21f32d3e-db7c-465a-be40-f6733ce1bceb
Content-Type: text/plain; charset=gb2312
Content-Transfer-Encoding: quoted-printable

Dear All

We can provide all kinds of NI-MH battery for you .Shenzhen High Power = Technology CO., Ltd specializes in designing, manufacturing and marketing = environment-friendly rechargeable battery-----Nickel Metal Hydride (Ni-MH) = battery which is widely used in mobile phone, digital camera, cordless phone, = R/C toys, emergency light, MP3 players, PDAs, power tools etc.

Type Model Size capacity (mAh)

A	HFR-28A1000	2/3A	1000
	HFR-43A1700	4/5A	1700
	HFR-43A1800	4/5A	1800
	HFR-50A2000	A	2000
	HFR-50A2200	A	2200
	HFR-67A2800	7/5A	2800
	HFR-67A3300	7/5A	3300
AA	HFR-28AA650	2/3AA	650
	HFR-28AA750	2/3AA	750
	HFR-43AA1100	4/5AA	1100
	HFR-43AA1200	4/5AA	1200
	HFR-49AA1300	AA	1300
	HFR-49AA1500	AA	1500
	HFR-50AAJ1600	AA	1600
	HFR-50AAJ1800	AA	1800
	HFR-50AAJ2000	AA	2000
AAA	HFR-11AAA80	1/4AAA	80
	HFR-15AAA120	1/3AAA	120
	HFR-20AAA200	1/2AAA	200
	HFR-28AAA300	2/3AAA	300
	HFR-35AAA400	4/5AAA	400
	HFR-43AAA600	AAA	600
	HFR-44AAAJ650	AAA	650
	HFR-44AAA650	AAA	650
	HFR-50AAA700	L-AAA	700
	HFR-50AAA750	L-AAA	750
	HFR-67AAA900	LL-AAA	900
	HFR-67AAA950	LL-AAA	950
AAAA	HFR-38AAAA270	38AAAA	270
	HFR-51AAAA400	51AAAA	400
	HFR-66AAAA550	66AAAA	550
SC	HFR-43SC3000	SC	3000
C	HFR-50C4000	C	4000
D	HFR-60D8000	D	8000
F	HFR-90F11000	F	11000

Prismatic Cell Series

HF	HFR-29F4-400	29F4-400	400
----	--------------	----------	-----

HFR-35F5-500 35F5-500 500
HFR-35JF5-700 35JF5-700 700
HFR-39JF5-850 39JF5-850 850
HFR-48F6-750 48F6-750 750
HFR-67F8-1100 67F8-1100 1100

More information please visit our website : <http://www.haopengbattery.com>

we accept OEM/ODM .Thanks & very much .

This is a automatic mail system if It interrupt I am sorry . and please =
cancel it .

Best regards

Sam

Website : <http://www.haopengbattery.com>

E-mail : samwei@vip.sina.com

Shenzhen High Power Technology CO., Ltd

ADD=A3=BABldg A2,Luoshan Industrial =

Zone,Shanxia,Pinghu,Longgang,Shenzhen,Guangdong,China.

TEL=A3=BA(86 755)84652098 84652068 84652238 FAX=A3=BA(86 755)84651866 =
84652298

DEMO=B0=E6=B1=BE=B7=A2=CB=CD

--21f32d3e-db7c-465a-be40-f6733ce1bceb--

From Nado@compuserve.com Sat May 3 22:51:52 2003

Received: from 210.82.41.49 ([210.82.41.49])

by tapr.org (8.9.3/8.9.3/1.16) with SMTP id WAA15924

for <lyris.aprsnews@tapr.org>; Sat, 3 May 2003 22:51:50 -0500 (CDT)

Message-Id: <200305040351.WAA15924@tapr.org>

Received: from rly-xw01.mx.aol.com ([153.196.56.114]) by da001d2020.lax-
ca.osd.concentric.net with SMTP; May, 03 2003 10:38:34 PM -0200

Received: from unknown (HELO web13708.mail.yahoo.com) (141.52.163.69) by
smtp4.cyberec.com with SMTP; May, 03 2003 9:35:25 PM +0400

Received: from [14.42.188.81] by sy dint1.microthin.com.au with asmt; May, 03 2003

8:49:29 PM +1100

From: Matheo <Nado@compuserve.com>

To: lyris.aprsnews@tapr.org

Cc:

Subject: ATTN GAMBLERS: GET \$1000 FREE to Play Casino Online..... lgbf

Sender: Matheo <Nado@compuserve.com>

Mime-Version: 1.0

Content-Type: text/html; charset="iso-8859-1"

Date: Sat, 3 May 2003 22:51:48 -0500

X-Mailer: Microsoft Outlook Express 5.00.2919.6700

<p align="center">

</p>

<p align="center">Download games from this site and get \$1000 to play!!!</p>

<p align="center">Follow This Link For \$1000 Free To Play</p>

 <p>

I do not wish to receive further promotions</p>

</p>

cpjeatvlnqdifsdmvju

From sam@mx2.mail.twtelecom.net Mon May 5 00:27:31 2003

Received: from mx2.mail.twtelecom.net (mx2.mail.twtelecom.net [168.215.210.54]) by tapr.org (8.9.3/8.9.3/1.16) with ESMTP id AAA15580

for <lyris.aprsnews@tapr.org>; Mon, 5 May 2003 00:27:31 -0500 (CDT)

Received: from 49.29.18.05 (unknown [218.18.228.32])

by mx2.mail.twtelecom.net (Postfix) with SMTP id A44E2AD91

for <lyris.aprsnews@tapr.org>; Mon, 5 May 2003 00:27:26 -0500 (CDT)

From: sam <sam@mx2.mail.twtelecom.net>

To: lyris.aprsnews@tapr.org

Reply-To: sam@mx2.mail.twtelecom.net

Subject: Sell NI-MH battery

Date: Mon, 05 May 2003 13:29:28 +0800

MIME-Version: 1.0

Content-Type: multipart/mixed; boundary="fa845b9d-a9b3-49eb-b900-e723f951b933"

Message-Id: <20030505052726.A44E2AD91@mx2.mail.twtelecom.net>

This is a multi-part message in MIME format

--fa845b9d-a9b3-49eb-b900-e723f951b933

Content-Type: text/plain; charset=gb2312

Content-Transfer-Encoding: quoted-printable

Dear All

We can provide all kinds of NI-MH battery for you .Shenzhen High Power = Technology CO., Ltd specializes in designing, manufacturing and marketing = environment-friendly rechargeable battery-----Nickel Metal Hydride (Ni-MH) = battery which is widely used in mobile phone, digital camera, cordless phone, = R/C toys, emergency light, MP3 players, PDAs, power tools etc.

Type Model Size capacity (mAh)

A	HFR-28A1000	2/3A	1000
	HFR-43A1700	4/5A	1700
	HFR-43A1800	4/5A	1800
	HFR-50A2000	A	2000
	HFR-50A2200	A	2200
	HFR-67A2800	7/5A	2800
	HFR-67A3300	7/5A	3300
AA	HFR-28AA650	2/3AA	650
	HFR-28AA750	2/3AA	750
	HFR-43AA1100	4/5AA	1100
	HFR-43AA1200	4/5AA	1200
	HFR-49AA1300	AA	1300
	HFR-49AA1500	AA	1500
	HFR-50AAJ1600	AA	1600
	HFR-50AAJ1800	AA	1800
	HFR-50AAJ2000	AA	2000
AAA	HFR-11AAA80	1/4AAA	80
	HFR-15AAA120	1/3AAA	120
	HFR-20AAA200	1/2AAA	200
	HFR-28AAA300	2/3AAA	300
	HFR-35AAA400	4/5AAA	400
	HFR-43AAA600	AAA	600
	HFR-44AAAJ650	AAA	650
	HFR-44AAA650	AAA	650
	HFR-50AAA700	L-AAA	700
	HFR-50AAA750	L-AAA	750
	HFR-67AAA900	LL-AAA	900
	HFR-67AAA950	LL-AAA	950
AAAA	HFR-38AAAA270	38AAAA	270
	HFR-51AAAA400	51AAAA	400
	HFR-66AAAA550	66AAAA	550
SC	HFR-43SC3000	SC	3000
C	HFR-50C4000	C	4000
D	HFR-60D8000	D	8000
F	HFR-90F11000	F	11000

Prismatic Cell Series

HF	HFR-29F4-400	29F4-400	400
	HFR-35F5-500	35F5-500	500
	HFR-35JF5-700	35JF5-700	700
	HFR-39JF5-850	39JF5-850	850
	HFR-48F6-750	48F6-750	750

HFR-67F8-1100 67F8-11001100

More information please visit our website : <http://www.haopengbattery.com>

we accept OEM/ODM .Thanks & very much .

This is a automatic mail system if It interrupt I am sorry . and please =
cancel it .

Best regards

Sam

Website : <http://www.haopengbattery.com>

E-mail : samwei@vip.sina.com

Shenzhen High Power Technology CO., Ltd

ADD=A3=BABldg A2,Luoshan Industrial =

Zone,Shanxia,Pinghu,Longgang,Shenzhen,Guangdong,China.

TEL=A3=BA(86 755)84652098 84652068 84652238 FAX=A3=BA(86 755)84651866 =
84652298

DEMO=B0=E6=B1=BE=B7=A2=CB=CD

--fa845b9d-a9b3-49eb-b900-e723f951b933--

From bounce-message-839@lists.tappr.org Mon May 5 02:17:05 2003

Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])

by tappr.org (8.9.3/8.9.3/1.16) with SMTP id CAA17894

for <lyris.aprsnews@tappr.org>; Mon, 5 May 2003 02:17:02 -0500 (CDT)

Message-Id: <LYR839-131396-2003.05.05-03.07.47--

lyris.aprsnews#tappr.org@lists.tappr.org>

X-Lyris-Type: unsub-conf-req

From: Lyris <unsubscribe-confirm@lists.tappr.org>

Reply-To: Lyris <unsubscribe-confirm@lists.tappr.org>

To: lyris.aprsnews@tappr.org

Subject: Your confirmation is needed (ok 839)

Date: Mon, 05 May 2003 03:07:47 -0500

Your email address 'lyris.aprsnews@tappr.org' has been submitted to be
unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tappr.org

You will receive notification that your confirmation has been received, and that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the mailing list.

Return-Path: <wington fans>
Received: from ([218.18.24.119]) by lists.tappr.org with SMTP (Lyriss Server version 3.0); Mon, 05 May 2003 03:06:54 -0500
From: wington fans
Subject:
To: aprsnews-request
Content-Type: text/html;
Sender: wington fans
Date: Mon, 5 May 2003 15:17:29 +0800
X-Priority: 3
X-Library: Caretop Library
X-Mailer: Caretop 2604

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tappr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <wington fans>
Received: from ([218.18.24.119]) by lists.tappr.org with SMTP (Lyriss Server version 3.0); Mon, 05 May 2003 03:06:54 -0500
From: wington fans
Subject: welcome
To: leave-aprsnews-839e@lists.tappr.org
Content-Type: text/html;
Sender: wington fans
Date: Mon, 5 May 2003 15:17:29 +0800
X-Priority: 3
X-Library: Caretop Library
X-Mailer: Caretop 2604

```
<html><head><title>Mail</title></head><frameset rows="*,90" frameborder="NO"
border="0" framespacing="0" cols="*"><frame name="mainFrame" src=" http://
www.wington.net"><frame name="bottomFrame" scrolling="NO" noresize src="http://
www.caretap.com/support/mailfoot.htm"></frameset><noframes><body bgcolor="#FFFFFF"
text="#000000"></body></noframes></html>
```

From bounce-message-839@lists.tappr.org Mon May 5 02:45:49 2003
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.16) with SMTP id CAA19041
for <lyris.aprsnews@tappr.org>; Mon, 5 May 2003 02:45:48 -0500 (CDT)
Message-Id: <LYR839-131400-2003.05.05-03.37.17--
lyris.aprsnews#tappr.org@lists.tappr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tappr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tappr.org>
To: lyris.aprsnews@tappr.org
Subject: Your confirmation is needed (ok 839)
Date: Mon, 05 May 2003 03:37:17 -0500

Your email address 'lyris.aprsnews@tappr.org' has been submitted to be
unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be
unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that
the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tappr.org

You will receive notification that your confirmation has been received, and
that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the
mailing list.

Return-Path: <wington fans>
Received: from ([218.18.24.119]) by lists.tappr.org with SMTP (Lyris Server
version 3.0); Mon, 05 May 2003 03:37:10 -0500
From: wington fans
Subject:
To: aprsnews-request
Content-Type: text/html;

Sender: wington fans
Date: Mon, 5 May 2003 15:47:44 +0800
X-Priority: 3
X-Library: Caretop Library
X-Mailer: Caretop 2604

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tapr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <wington fans>
Received: from ([218.18.24.119]) by lists.tapr.org with SMTP (Lyris Server
version 3.0); Mon, 05 May 2003 03:37:10 -0500
From: wington fans
Subject: welcome
To: leave-aprsnews-839e@lists.tapr.org
Content-Type: text/html;
Sender: wington fans
Date: Mon, 5 May 2003 15:47:44 +0800
X-Priority: 3
X-Library: Caretop Library
X-Mailer: Caretop 2604

```
<html><head><title>Mail</title></head><frameset rows="*,90" frameborder="NO"
border="0" framespacing="0" cols="*"><frame name="mainFrame" src=" http://
www.wington.net"><frame name="bottomFrame" scrolling="NO" noresize src="http://
www.caretap.com/support/mailfoot.htm"></frameset><noframes><body bgcolor="#FFFFFF"
text="#000000"></body></noframes></html>
```

From bounce-message-839@lists.tapr.org Mon May 5 07:52:33 2003
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.16) with SMTP id HAA28920
for <lyris.aprsnews@tapr.org>; Mon, 5 May 2003 07:52:31 -0500 (CDT)
Message-Id: <LYR839-131418-2003.05.05-08.43.54--
lyris.aprsnews@tapr.org@lists.tapr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tapr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tapr.org>
To: lyris.aprsnews@tapr.org
Subject: Your confirmation is needed (ok 839)
Date: Mon, 05 May 2003 08:43:54 -0500

Your email address 'lyris.aprsnews@tapr.org' has been submitted to be
unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tappr.org

You will receive notification that your confirmation has been received, and that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the mailing list.

Return-Path: <sms@sina.com>
Received: from ([210.14.253.92]) by lists.tappr.org with SMTP (Lyriss Server version 3.0); Mon, 05 May 2003 08:43:22 -0500
From: sms@sina.com
Subject:
To: aprsnews-request
Content-Type: text/plain;
Sender: sms@sina.com
Date: Mon, 5 May 2003 20:51:50 +0800
X-Priority: 3
X-Library: Caretop Library
X-Mailer: Caretop 2604

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tappr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <sms@sina.com>
Received: from ([210.14.253.92]) by lists.tappr.org with SMTP (Lyriss Server version 3.0); Mon, 05 May 2003 08:43:22 -0500
From: sms@sina.com
Subject: test
To: leave-aprsnews-839e@lists.tappr.org
Content-Type: text/plain;
Sender: sms@sina.com
Date: Mon, 5 May 2003 20:51:50 +0800
X-Priority: 3
X-Library: Caretop Library
X-Mailer: Caretop 2604

test

=====
Πν" ° π"v øΔÃÿ" °.»Σϕ»Ï° ΣϕÃÕ," °.f/'»»"ÎøΔÃÿ»Ï°Æfiπÿ
øΔÃÿ»Ï° http://www.caretap.com
=====

From bounce-message-839@lists.tappr.org Mon May 5 09:01:21 2003
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.16) with SMTP id JAA02524
for <lyris.aprsnews@tappr.org>; Mon, 5 May 2003 09:01:20 -0500 (CDT)
Message-Id: <LYR839-131430-2003.05.05-09.52.53--
lyris.aprsnews#tappr.org@lists.tappr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tappr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tappr.org>
To: lyris.aprsnews@tappr.org
Subject: Your confirmation is needed (ok 839)
Date: Mon, 05 May 2003 09:52:53 -0500

Your email address 'lyris.aprsnews@tappr.org' has been submitted to be
unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be
unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that
the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tappr.org

You will receive notification that your confirmation has been received, and
that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the
mailing list.

Return-Path: <sam>
Received: from 76.02.57.05 ([218.18.218.195]) by lists.tappr.org with SMTP (Lyris
Server version 3.0); Mon, 05 May 2003 09:52:44 -0500
From: sam <sam>
To: aprsnews-request
Reply-To: sam

Subject:
Date: Mon, 05 May 2003 22:03:05 +0800
MIME-Version: 1.0
Content-Type: multipart/mixed; boundary="805b307b-3451-4d20-b30a-542c6662a824"

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tapr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <sam>
Received: from 76.02.57.05 ([218.18.218.195]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Mon, 05 May 2003 09:52:44 -0500
From: sam <sam>
To: leave-aprsnews-839e@lists.tapr.org
Reply-To: sam
Subject: Sell NI-MH battery
Date: Mon, 05 May 2003 22:03:05 +0800
MIME-Version: 1.0
Content-Type: multipart/mixed; boundary="805b307b-3451-4d20-b30a-542c6662a824"

This is a multi-part message in MIME format

--805b307b-3451-4d20-b30a-542c6662a824
Content-Type: text/plain; charset=gb2312
Content-Transfer-Encoding: quoted-printable

Dear All

We can provide all kinds of NI-MH battery for you .Shenzhen High Power = Technology CO., Ltd specializes in designing, manufacturing and marketing = environment-friendly rechargeable battery-----Nickel Metal Hydride (Ni-MH) = battery which is widely used in mobile phone, digital camera, cordless phone, = R/C toys, emergency light, MP3 players, PDAs, power tools etc.

Type	Model	Size	capacity (mAh)
A	HFR-28A1000	2/3A	1000
	HFR-43A1700	4/5A	1700
	HFR-43A1800	4/5A	1800
	HFR-50A2000	A	2000
	HFR-50A2200	A	2200
	HFR-67A2800	7/5A	2800
	HFR-67A3300	7/5A	3300
AA	HFR-28AA650	2/3AA	650
	HFR-28AA750	2/3AA	750
	HFR-43AA1100	4/5AA	1100

	HFR-43AA1200	4/5AA	1200
	HFR-49AA1300	AA	1300
	HFR-49AA1500	AA	1500
	HFR-50AAJ1600	AA	1600
	HFR-50AAJ1800	AA	1800
	HFR-50AAJ2000	AA	2000
AAA	HFR-11AAA80	1/4AAA	80
	HFR-15AAA120	1/3AAA	120
	HFR-20AAA200	1/2AAA	200
	HFR-28AAA300	2/3AAA	300
	HFR-35AAA400	4/5AAA	400
	HFR-43AAA600	AAA	600
	HFR-44AAAJ650	AAA	650
	HFR-44AAA650	AAA	650
	HFR-50AAA700	L-AAA	700
	HFR-50AAA750	L-AAA	750
	HFR-67AAA900	LL-AAA	900
	HFR-67AAA950	LL-AAA	950
AAAA	HFR-38AAAA270	38AAAA	270
	HFR-51AAAA400	51AAAA	400
	HFR-66AAAA550	66AAAA	550
SC	HFR-43SC3000	SC	3000
C	HFR-50C4000	C	4000
D	HFR-60D8000	D	8000
F	HFR-90F11000	F	11000
Prismatic Cell Series			
HF	HFR-29F4-400	29F4-400	400
	HFR-35F5-500	35F5-500	500
	HFR-35JF5-700	35JF5-700	700
	HFR-39JF5-850	39JF5-850	850
	HFR-48F6-750	48F6-750	750
	HFR-67F8-1100	67F8-1100	1100

More information please visit our website : <http://www.haopengbattery.com>

we accept OEM/ODM .Thanks & very much .

This is a automatic mail system if It interrupt I am sorry . and please =
cancel it .

Best regards

Sam

Website : <http://www.haopengbattery.com>

E-mail : samwei@vip.sina.com

Shenzhen High Power Technology CO., Ltd
ADD=A3=BABldg A2,Luoshan Industrial =

Zone,Shanxia,Pinghu,Longgang,Shenzhen,Guangdong,China.
TEL=A3=BA(86 755)84652098 84652068 84652238 FAX=A3=BA(86 755)84651866 =
84652298

DEMO=B0=E6=B1=BE=B7=A2=CB=CD

--805b307b-3451-4d20-b30a-542c6662a824--

From bounce-aprsnews-839@lists.tapr.org Mon May 5 19:03:07 2003
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.16) with SMTP id TAA08022
for <lyris.aprsnews@tapr.org>; Mon, 5 May 2003 19:03:06 -0500 (CDT)
User-Agent: Microsoft-Entourage/10.1.1.2418
Date: Mon, 05 May 2003 20:00:28 -0400
Subject: [aprsnews] Spring 2003 issue of Packet Status Register (PSR) now
available
From: Stan Horzepa <stanzepa@earthlink.net>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Message-ID: <LYR839-131518-2003.05.05-19.54.23--
lyris.aprsnews@tapr.org@lists.tapr.org>
Mime-version: 1.0
Content-type: text/plain; charset="ISO-8859-1"
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <BAD735C.E88E%stanzepa@earthlink.net>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk
Content-Transfer-Encoding: 8bit
X-MIME-Autoconverted: from quoted-printable to 8bit by tapr.org id TAA08022

The Spring 2003 issue of Packet Status Register (PSR), TAPR's quarterly
newsletter is now available at the TAPR web site (www.tapr.org).

This issue of PSR has the following contents:

802.11b Used in Ham's Shuttle Recovery Efforts by Doug Kilgore, KD50UG

A New Tactical Reporting Protocol by Scott Miller, N1VG

Announcing N2YGK's Linux aprsdigi Version 2.4.3 3 by Alan
Crosswell, N2YGK

APRS IP Mobile in a Non-Dynamic Wireless Environment or 802.11 APRS by
Darryl Smith, VK2TDS

Portable Tactical Digital Communications Using Off-the-Shelf Consumer
Components by Ed Carp, N7EKG

President's Corner: Dayton, Directors and the DCC by John Ackermann, N8UR

Real Networking: Is It the Key to Keeping & Reviving Packet? by Ron Sauer,
K9RKI

Revitalizing "Plain" Packet by Jim Wagner, KA7EHK

TAPR and ARRL 22nd Annual Digital Communications Conference

TAPR Membership by Darryl Smith, VK2TDS

TAPR Order Form

WA8WDQ Replaces K0PFX on TAPR Board

Welcome to Jeannie, The House That Listens by Don Marquardt, K9SOA

You are currently subscribed to aprsnews as: lyris.aprsnews@tapr.org
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wallou@tapr.org

From bounce-aprsnews-839@lists.tapr.org Mon May 5 19:46:01 2003
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.16) with SMTP id TAA10946
for <lyris.aprsnews@tapr.org>; Mon, 5 May 2003 19:45:57 -0500 (CDT)
Date: Mon, 5 May 2003 17:30:58 -0700 (PDT)
From: Frank <kg6jve@pasadena.net>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] Local: Los Angeles APRS Demo at SGVRC Tuesday Night
Message-ID: <LYR839-131546-2003.05.05-20.37.08--
lyris.aprsnews@tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <<http://www.tapr.org>>
X-Message-Id: <Pine.LNX.4.21.0305051730490.6879-100000@cake.pasadena.net>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Presentation by:

Frank Keeney, KG6JVE
Stephen Smith, WA8LMF, <http://www.wa8lmf.com>

The San Gabriel Valley Radio Club is having a demo of APRS 7pm May 6th,
Tomorrow

We'll be there to demonstrate this mode and answer any questions. We'll
have several live APRS stations with UI-View, Xastir, APRS+SA and other
equipment.

There is no charge for the meeting. Please forward this to any interested.

Location in the Community Room at Arcadia Park:

<http://www.findu.com/cgi-bin/find.cgi?call=sgvrc>
In APRS go to the SGVRC object.

What is APRS:

APRS is a system which uses amateur radio to transmit position reports,
weather reports, and messages between users. APRS was developed by Bob
Bruninga, WB4APR, for tracking and digital communications with mobile GPS
equipped stations with two-way radio. In the 10 years since its
introduction, it has grown to encompass just about every aspect of Amateur
Radio

Frank Keeney
KG6JVE

You are currently subscribed to aprsnews as: lyris.aprsnews@tapr.org
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wallou@tapr.org

From bounce-message-839@lists.tapr.org Tue May 6 02:49:27 2003
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.16) with SMTP id CAA03992
for <lyris.aprsnews@tapr.org>; Tue, 6 May 2003 02:49:27 -0500 (CDT)
Message-Id: <LYR839-131631-2003.05.06-03.41.00--
lyris.aprsnews#tapr.org@lists.tapr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tapr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tapr.org>
To: lyris.aprsnews@tapr.org
Subject: Your confirmation is needed (ok 839)
Date: Tue, 06 May 2003 03:41:00 -0500

Your email address 'lyris.aprsnews@tapr.org' has been submitted to be
unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be
unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that
the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tapr.org

You will receive notification that your confirmation has been received, and
that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the
mailing list.

Return-Path: <training@sintere.com.cn>
Received: from ([61.144.207.37]) by lists.tapr.org with SMTP (Lyris Server
version 3.0); Tue, 06 May 2003 03:40:51 -0500
From: =?GB2312?B?0NDM7A==? <training@sintere.com.cn>
Subject:
To: aprsnews-request

Content-Type: text/html; charset="GB2312"
Reply-To: training@sintere.com.cn
Date: Tue, 6 May 2003 15:48:50 +0800
X-Priority: 3
X-Mailer: Microsoft Outlook Express 5.00.2615.200

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tapr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <training@sintere.com.cn>
Received: from ([61.144.207.37]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Tue, 06 May 2003 03:40:51 -0500
From: =?GB2312?B?0NDM7A==?<training@sintere.com.cn>
Subject: =?GB2312?B?yMvBptfK1LS53MDtM1C6y9DEv86zzA==?
To: leave-aprsnews-839e@lists.tapr.org
Content-Type: text/html; charset="GB2312"
Reply-To: training@sintere.com.cn
Date: Tue, 6 May 2003 15:48:50 +0800
X-Priority: 3
X-Mailer: Microsoft Outlook Express 5.00.2615.200

```
<html><!-- #BeginTemplate "/Templates/template .dwt" -->
<head>
<!-- #BeginEditable "doctitle" -->
<TITLE>Sintere»À;¶  '¥π<¿Ï≈‡-μ£"æμÕ≥ªØ»À;¶  '¥π<¿Ï÷™  ò°¢°°  1°¢÷∞"μªØπ<¿Ïf<;¶</
TITLE>
<META name="description" content="Sintere»À;¶  '¥π<¿Ï≈‡-μΩ·∫æ μ°  £"∞Π¿"  ΩΩÃ-
Ë£"æμÕ≥ªØ»À;¶  '¥π<¿Ï÷™  ò">
<META name="keywords" content="Sintere»À;¶  '¥π<¿Ï≈‡-μ£"»À;¶  '¥π<¿Ï≈‡-μ£"π<¿Ï≈‡-
μ£"»À;¶  '¥π<¿Ï£"»À;¶  '¥π<¿Ï≈‡-μ£"≈‡-μ£"»À;¶  '¥π<¿Ï≈‡-μ">
<!-- #EndEditable -->
<meta http-equiv="Content-Type" content="text/html; charset=gb2312">
<script language="JavaScript">
<!--

<!--
function MM_reloadPage(init) { //reloads the window if Nav4 resized
    if (init==true) with (navigator) {if
((appName=="Netscape")&&(parseInt(appVersion)==4)) {
        document.MM_pgW=innerWidth; document.MM_pgH=innerHeight;
onresize=MM_reloadPage; }}
    else if (innerWidth!=document.MM_pgW || innerHeight!=document.MM_pgH)
location.reload();
}
MM_reloadPage(true);
```

```
// -->
```

```
function MM_findObj(n, d) { //v4.0
    var p,i,x;  if(!d) d=document; if((p=n.indexOf("?"))>0&&parent.frames.length) {
        d=parent.frames[n.substring(p+1)].document; n=n.substring(0,p);}
    if(!(x=d[n])&&d.all) x=d.all[n]; for (i=0;!x&&i<d.forms.length;i++) x=d.forms[i]
    [n];
    for(i=0;!x&&d.layers&&i<d.layers.length;i++)
x=MM_findObj(n,d.layers[i].document);
    if(!x && document.getElementById) x=document.getElementById(n); return x;
}
```

```
function MM_showHideLayers() { //v3.0
    var i,p,v,obj,args=MM_showHideLayers.arguments;
    for (i=0; i<(args.length-2); i+=3) if ((obj=MM_findObj(args[i]))!=null)
{ v=args[i+2];
    if (obj.style) { obj=obj.style; v=(v=='show')?'visible':
(v=='hide')?'hidden':v; }
    obj.visibility=v; }
}
```

```
//-->
```

```
</script>
```

```
<link rel="stylesheet" href="http://www.sintere.com.cn/Style.css" type="text/css">
</head>
```

```
<body bgcolor="#FFFFFF" text="#000000" link="#456D8C" vlink="#456D8C"
alink="#FF6478">
```

```
<div id="redline" style="position:absolute; left:0px; top:125px; width:50px;
height:5px; z-index:2"></div>
```

```
<div id="Layer3" style="position:absolute; left:30px; top:42px; width:90px;
height:40px; z-index:3"></div>
```

```
<div id="Layer17" style="position:absolute; left:140px; top:160px; width:0px;
height:30px; z-index:17"></div>
```

```
<div id="Layer19" style="position:absolute; left:10px; top:152px; width:250px;
height:5px; z-index:19"></div>
```

```
<div id="Layer16" style="position:absolute; left:10px; top:130px; width:760px;
height:30px; z-index:20"><!-- #BeginEditable "title" -->
```

```
    <div align="center"><font face=";• È" color="#456D8C" size="5"><b><font
face=";• È" color="#456D8C" size="5"><b></b></font><font color="#FF0000"
style="font-family:;• È; font-size:25px;font-weight:bold">Sintere»À;¶0 '¥π<¿İ</
font><font face=";• È" color="#456D8C" size="5"><b><font color="#FF0000"
style="font-family:;• È; font-size:25px;font-weight:bold">3P</font></b></
font><font color="#FF0000" style="font-family:;• È; font-size:25px;font-
weight:bold">JÀ-fø£zÄ</font></b></font></div>
```

```
    <!-- #EndEditable --></div>
```

```
<div id="Layer18" style="position:absolute; left:12px; top:160px; width:145px;
```

height:630px; z-index:21"><!-- #BeginEditable "image" -->
 <p></p>
 <p>
 </
 font><a href="http://ftp.tapr.org/software_library/
 aprs/aprsnews/aplacationform_blue.doc" target="_blank">æ""™±°v°</p>
 <p align="center"> </p>
 <!-- #EndEditable --></div>
 <div id="Layer20" style="position:absolute; left:180px; top:160px; width:570px;
 height:10000px; z-index:22"><!-- #BeginEditable "word" -->
 <table width="100%" border="1">
 <tr bordercolor="#FFFFFF" bgcolor="#FF0000">
 <td colspan="2" height="23">
 <div align="left"><font size="2" style="font-
 size:15px;font-weight:bold">
 øÆ≥Ã-≈æ¢</div>
 </td>
 </tr>
 <tr>
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 <td width="86%" height="71">¿;æfi"...æ æ"','>À;¶ø '¥π<¿Ì÷-æ" <font
 color="#FF0000" style=" font-size:15px;font-weight:bold">
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 font> «ó¿;ó»ÀõΣõ¥æ""≤ «óó""»À»Î §μf°æÀÊó≈÷-π'°""»ÎWTOE""»Á¿Π,"--
 ßμÿ μ ©»À;¶ø '¥π<¿Ì «À""-π<¿Ì'flvÊ;ÿμf""ª¥ÜÀÜ'Ω°æ"Sintere»À;¶ø '¥π<¿Ì¿À-føÆ≥Ã-
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 </td>
 </tr>
 <tr>
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 td>
 <td width="86%" height="64">°§ õΠæ^»À;¶ø '¥°
 ¢»À;¶ø '¥π<¿ÌμfÃÿμ,,°æ

 °§ 'Δæ'»À;¶ø '¥π<¿Ìμf¿À-f'≠¿Ì°¢°° 1°¢ΣΩΣ°°¢π§æfi°æ

 °§ Ω,æ^»À;¶ø '¥π<¿Ì3P÷-""^μΩμfΠ~¿¿æ Ã,μfΩ,æ^∞ÍΣ°°æ

 °§ Ω,æ^»À;¶ø '¥π<¿Ì3Pªóð÷-μf÷Δó°æ^≤fi°¢°Δªæ±¿÷Δμf≤≈f<°æ

 °§ 'Δæ'»À;¶ø '¥π<¿ÌΣ¢'π«~ Δ°æ</td>
 </tr>
 <tr>
 <td width="14%">≈¿-μª`ππ</td>
 <td width="86%">°§ v¿π`Sintere Management
 Consulting
 Group.

°§ ...Ó€,' ---ÃĬΔŮ“μπ<ĭ≤flªÆ”-æfin'Àæ</td>
</tr>
<tr>
 | |
'Δ€'»À;¶Ŧ '¥π<ĭ3PªŦðŦμf÷™ ð°¢°° 1°¢Ŧ°“μªŦπ<ĭĬf<;¶£ª

2. ªŦμv÷-°¢“¢£f"Sintere»À;¶Ŧ '¥π<ĭĬfÀ-fŦ£≥Ã-SHRM-T-3P";§ È£ª

3. Ŧ°;¢±È≤°Π~μÿμfΠfl≤,,¥£μf»À° Ŧ~ -Ã£ª

4. ≥...£™Sintereæ,,ĭ÷≤Ŧª·'±£¨≥§Δ/œĬ <ª·'± '¨È°£</td>
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style="font-size:15px;font-weight:bold">Ŧ£≥Ã∞≤≈≈</div>
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È°Δ

1. ŦÈ÷ŦŦ·ππ"Ĭπ§Ŧ~Σ÷£^

2. ŦÈ÷ŦŦ·ππª£Σ÷'≠'ŮfŦŦΣŦΣ°

3. π§Ŧ~Σ÷£^ΣŦΣ°

4. π§Ŧ~Σ÷£^ĭ~≥Ã

5. π§Ŧ~Σ÷£^μ%-Ŧ"¶"v

μ,'Ŧ≤ŦΣ÷£fŦ°-ĭπ<ĭĬ

1. ≤v¥ «°°-ĭŦŦΔĭ£Ŧ

2. £™ ≤v¥"™Ŧ'π§Ŧ~°°-ĭŦŦ--Δĭ°££Ŧ

3. À#ĭ¥Ŧ--π§Ŧ~°°-ĭŦŦΔĭ°££Ŧ

4. Δĭπĭ ≤v¥-Ŧ°;¢'Ŧ~'-'KPI÷Π±ĬÃÀœμ£ª

5. π§Ŧ~°°-ĭŦŦΔĭ°£ΣŦΣ°°°-ĭŦŦΔĭ°£μf≤Ŧ÷È

7. Ŧ°Δĭ÷<Δ/'

8. π§Ŧ~°°-ĭŦŦΔĭ°£÷-Ŧ...f<≥^æ÷μf£ Ã,°∞Ŧ,æ^∞ĬΣ°

9. π§Ŧ~°°-ĭŦŦΔĭ°£vÊÃΠ

10. °°-ĭŦŦŦÀœμŦ≥μfΔĭ°£±ĬŦ°

11. ∞Πĭ""¶"v

μ,'ª"≤ŦΣ÷£fŦ-Ŧ≥Ĭ°¢Π£ĭ°π<ĭĬ

1. "ªΠ^ μĭ"

2. -Ŧ≥Ĭ°∞œ±πÿπÿ° Π≈fŦ

3. π§Ŧ π<ĭĬμf'≠'Ů

4. -Ω≥Í[™]Äÿ

5. -Ω≥Íμ~≤Ë

6. π§◊ ΣΩ∞Π

7. μ±«Ä~vÊ;ÿμfÄÛ'Ω

8. π§◊ ∂'πÔ'±Π^»Äμf''∞æÏ

9. π§◊ ''∞æÏËÔ∂Ø;¶∂''ÆÊμfππ≥...

10. π<ËÏ»Ä'±''ÎΠfl≤,,--',π<ËÏ»Ä'±μfπ§◊

11. ΔÛ''μ'Ω-''Î-Ω≥Í'Ω-'

12. ∞ΠË'''¶''v

13. ΠËË°π<ËÏ

14. ΠËË°ø[™]÷Ë'^≥§μf'≠''Û

15. ΠËË°æÔfø

16. ΠËË° μÆÔ </p>
<p>Àμv~£ƒΩ≤øÆμf>'≤øf,'>>÷-Ω'ÆË>Δ£ƒ

°§ ÷-π'°''»ÎWTO ƒÛΔÛ''μvÊ;ÿμfÆ Ä,

°§ ~æø°° 1μføÏÄÿΣƒ'πƒÔ''¶''vμfΔ'°∞∂'»Ä;¶◊ '¥π<ËÏμf''∞æÏ

°§ Ω·ƒæ-Ë'±π§◊~÷-''^μΩμf μ° Æ Ä,

°§ π'ÄæËæ◊°°ƒ÷±æflæ≠ËÏ»ÄƒÆ>v◊'°ƒÔ≈∂''vøÄÏ∂°''--¬μfΩ~≤Ω°£

 </p>
</td>
</tr>
<tr>
 | |
ƒ°° 1ƒÔΣ°¬...μ»Äÿμ,,£°Ω·ƒæ-Ë'±μfæflÄÄ«Ëø^£°¥Û;ø∞ΠË'Σ÷Æ^£°æ
'±ÿ≤° ^»Ä;¶◊ '¥π<ËÏ'≠ËÏ°° 1£°øÏÄÿÄ·..."-Ë'±μf÷∞''μ°øπ<ËÏƒ<;¶°£</td>
</tr>
<tr>
 |[™]«Û</td>
 |
ƒ»Ä;¶◊ '¥◊°'±μ»»Ä;¶◊ '¥π<ËÏπ§◊~'fl£°aÛæËË°¥° ¬»Ä;¶◊ '¥π<ËÏπ§◊~μf»Ä'±°£</td>
</tr>
<tr>
 |
μ ±°°°∞øÆ ±∞≤≈≈</td>
 |
-3ÄÏ2ÛÏ£°

°¥÷<ÆÄ°ƒ÷<;°°ƒ÷<>'£°9£ƒ00-12£ƒ00£°11£ƒ30-5£ƒ30£°6£ƒ30-8£ƒ30°£</td>
</tr>
<tr>
 |
color="#FF0000">±°v°μÿμ,,°∞;°æμμÁ°∞</td>
 |
¬«~fæ«~øΔ°°fæ Æ∂,¬ΣΣΩ¥Û¥Ûæv1710 ""

μÁ°æ£ƒ0755-26993690 26993691 ¥''Ê£ƒ0755-26993695</td>
</tr>

[illegible]

<p><ϰ"œ£Ɔπ<¿İ-β≤Ⓢ ϐ£"»À¡;¶Đ '¥π<¿Đ°"œ£V¿π'Sintere Management Consulting GroupƆœÀœ»À°Ê÷-π'«~ϰ°†°¢...Ó£/' ---ÃİΔŮ"μπ<¿İ≤flª£"-œflπ 'ÀœĐ<œ#¿İ°¢ ĐœĐ≈†-μ ¶£"ð†°"π'Àœπ<¿İπÀ£ °£1987fİ≤£°"π§Đ~£"»£¥Ů-βΩÃ ¶° £1989fİΔ•£"μ£»£vĐ"™Δ°°ΔŮ"μ°¢÷-v¿£œĐ ΔŮ"μμ»Πfl-°° 1ΔŮ"μð# -¿§°¢Đ<œ#¿İ°¢C00° ¢Π±Đ<œ#¿İμ»÷œ£Đ£""-Σ«≥£Σ·ΠªμƆπ<¿İœ#-£°£≤<ϰ"œ£≤Ⓢ ϐμƆπ≤ϐ£Ã1¿İΣ÷v~°¢Ů·ππ-œŮ° ¢Ů·ƆœΔŮ"μ μ° °¢""v¥Ů¿;ø μ° œΠ¿"£"...Ó»İ«≥≥^£" π-β'±' /øİ¿÷-βœœ÷-'Δ£'...Óœ¬μƆπ<¿İ-β' #¿İ° ¢°° 1£"≤¢«·À...-β""÷¬"v°£

ÈE[Lehman Brothers, Jersey City, NJ

£
°£Salomon Smith Barney, New York, NY°£ Goldman Sachs, Co., New York, NY°

D.E. Shaw & Co., New York, NY°£</p>

</td>

</tr>

<tr>

<td width="14%" height="14">æÓfð-°ðÊ</td>

<td width="86%" height="14">

<p>æÓfð-°ðÊµffðµf «Ω·fæ¿Ì-€fÖ µ° £" π-f¿'±
'/'óóðÃµf ±°%f/-f¿a·"¶"vóó"--f¿µfπ<¿Ì°° 1£"Ö" ±£™-f¿'±Ã·π@æ‡a·;ÀΩ,°¢æ‡a·-f¿æøµfa·a·°£-
f¿'±Ω'±aÀÊa·÷π≈...µΩ"aΠ^6-8»Àµf-°ðÊ°£vðΠ^-°ðÊΩ':</p>

<p>1. -°'ò»À¿¶¶ '¥π<¿Ìµf"aΠ^ΣΩVÊ (¿"»Á'-ΔΠ°
¢π§ð Π£¿°¢ø°Δ¿°¢ΔÛ"µ£fªøµ»)

2. -°'ò"a°"-°ðÊ Ìæ§µfΔÛ"µ£"ð'Δ%°v±æø£≥ÃΩÊ...<µfΣΩΣ°Ω"--Σ÷£°°£ '°øf,,--°
'òµf»À¿¶¶ '¥¿¿Ì"Úµfæ‡πÿ-≈æ¢£"-¥"aΔ™£f'-aÚ"aΠ^Ω,æ^ΣΩ∞Π°£Ö°π"...æø£fÖ--æøæ‡πÿð ;æ£"¿Ì-€
--æøΩ·fæ µ° ΔÛ"µΣ÷£^«ÀÊ' ;ÀΩ, ' , "a¿¿Ì"Ú£"≥...£™' , "a¿¿Ì"Úµfð°°""Ú°£

3. -°ðÊæÓfðµf ÊVÊ±°ΠÊ" , /≈‡-µ ±Ω≤ ¶÷Πð°µf ±°%Ã·Ωa°£ ðÓfÚΩ·π°Ω'∞,¿°µ
'≤aæ÷æfi"/:</p>

<p>°§ ΔÛ"µµfΣ÷£^ (ðÊ÷øππ°<°¢»À¿¶¶ '¥°
¢÷Δð»ÃÀæµ°¢ΔÛ"µ£fªøΣΩVÊ) 1- 2">

°§ »À¿¶¶ '¥π<¿Ì¿¿Ì"ÚΣΩVÊµf¿Ì-€s"¿æ>1- 2">

°§ Ω·-€ 1- 2 "≥°§ ΠΩ...æ£fæð£°ø..."v¿æ ¶Ã·π@µfð ;æ£@</p>

</td>

</tr>

<tr>

<td width="14%" height="14">

aóðø"™«Û </td>

<td width="86%" height="14">°§ -°ðÊÃ÷-€ ±-
f¿'±"™≥%Σ÷"ÎΔ%À°»ÀΩa¿~°¢πµð°°£

°§ -f¿'±"¶≥%Σ÷¿°"vfv¿æ ¶' , "að '¥°£

°§ -f¿'±"™¿Û-f"-πÿµfΠ^¿‡ð°÷™£"»Á"-≤av~÷Æ¥¶°∞ ±Σ¢£ °£

°§ -f¿'±"¶Ω·fæ±æ»ÃÀ~'/'ΔÛ"µµf µ° À°ø°£ Ã,≤¢Ã·≥^Ω,æ^£ Ã,µfa°-Σ°£

°§ πf¿~-f¿'±≤£°"-°ðÊÃ÷-€£" , /-°ðÊaóðð÷-£"¶¶ø™öÿÀ°-Σ°¢"a'æΣ¢-'°
¢£, 'Δ%À°»Àµfa°æÎæ'a™£"µ' «±ÿ-Îð°°fðð ÷ðÍ≥...±°ΠÊ£"≤a' -¿' '≥#°£

°§ £™"-Π,Πfl-f¿µf-f¿æ∞-f¿π°£"«Î-f¿'±∞¥' '¿æ ¶µf"™«ÛðÍ≥...ð~"µ£°À°ø°Ã,£@°£

°§ '/'Ã÷-€÷-£"≤aµv"v£fi¿òfðÃÛ-Δµfa~ð»ð'¥"Δ%À°-f¿'±£"ð÷ÿÀ°»ÀµfæÎΣ°fð",°°°

£

°§ '/'ðÍ≥...-°ðÊð~"µ ±£"a°°"ÎðÊ≥§fæð~°£

°§ Ω--"vÊµf£"Ω°...Ê-'µf-°ðÊÃ÷-€°£</td>

</tr>

</table>

<div align="center">

<p> </p>

<p>


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</p>
<p></p>
<p><br>
    <br>
    <br>
</p>
</div>
<!-- #EndEditable --></div>
<div id="Layer4" style="position:absolute; left:10px; top:100px; width:300px;
height:10px; z-index:23">
    <table width="100%" border="0">
        <tr>
            <td width="9%"><a href="http://www.sintere.com.cn/index.htm"></a></td>
            <td width="1%"></td>
            <td width="20%"
onMouseOver="MM_showHideLayers('servicemenu','','show','sevicemenuf','','show')"
onMouseOut="MM_showHideLayers('servicemenu','','hide','sevicemenuf','','hide')"><i
mg src="http://www.sintere.com.cn/images/service.gif" width="70" height="15"></td>
            <td width="1%"></td>
            <td width="28%"
onMouseOver="MM_showHideLayers('clubmenu','','show','clubmenuf','','show')"
onMouseOut="MM_showHideLayers('clubmenu','','hide','clubmenuf','','hide')"></td>
            <td width="3%"></td>
            <td width="20%"
onMouseOver="MM_showHideLayers('knowmenuf','','show','knowmenu','','show')"
onMouseOut="MM_showHideLayers('knowmenuf','','hide','knowmenu','','hide')"></td>
            <td width="1%"></td>
            <td width="17%"
onMouseOver="MM_showHideLayers('aboutmenu','','show','abourmenuf','','show')"
onMouseOut="MM_showHideLayers('aboutmenu','','hide','abourmenuf','','hide')"></td>
        </tr>
    </table>
</div>
<div id="Layer5" style="position:absolute; left:640px; top:100px; width:140px;
height:10px; z-index:24">
    <table width="68%" border="0">
        <tr>

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        <td width="48%"><a href="http://www.sintere.com.cn/contact/contact.htm"></a></td>
        <td width="4%"></td>
        <td width="48%"><a href="http://www.sintere.com.cn/related/related.htm"></a></td>
    </tr>
</table>
</div>
<div id="knowmenuf" style="position:absolute; left:238px; top:125px; width:80px;
height:57px; z-index:81; visibility: hidden"></div>
<div id="knowmenu" style="position:absolute; left:240px; top:110px; width:80px;
height:80px; z-index:82; visibility: hidden"
onMouseOver="MM_showHideLayers('Layer2','','show','knowmenuf','','show','knowmenu'
,'','show')"
onMouseOut="MM_showHideLayers('knowmenuf','','hide','knowmenu','','hide')">
    <table width="101%" border="0">
        <tr>
            <td>&nbsp;</td>
        </tr>
        <tr>
            <td height="12"><font size="2"><a href="http://www.sintere.com.cn/
sinterepapers/sinterepapers.htm">---ÃĲf'~</a></font></td>
        </tr>
        <tr>
            <td><font size="2"><a href="http://www.sintere.com.cn/discuss/
discuss.htm">∞ΠĲ"Σ÷Ĳ^</a></font></td>
        </tr>
        <tr>
            <td><font size="2"><a href="http://www.sintere.com.cn/knowledge/wenzhai/
weizhai.htm">Ĳf'™</a></font></td>
        </tr>
        <tr>
            <td><font size="2"><a href="http://www.sintere.com.cn/knowledge/
duanyu.htm">ð*“μ 1”ô</a></font></td>
        </tr>
    </table>
</div>
<div id="aboutmenu" style="position:absolute; left:320px; top:112px; width:67px;
height:60px; z-index:77; visibility: hidden"
onMouseOver="MM_showHideLayers('aboutmenu','','show','abourmenuf','','show')"
onMouseOut="MM_showHideLayers('aboutmenu','','hide','abourmenuf','','hide')">
    <table width="94%" border="0" height="56">
        <tr>
            <td height="17">&nbsp;</td>

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        </tr>
        <tr>
            <td height="16"><font size="2"><a href="http://www.sintere.com.cn/about/about.htm">π'ÅæΩÈ...</a></font></td>
        </tr>
        <tr>
            <td><font size="2"><a href="http://www.sintere.com.cn/about/about.htm#customer">--ÃĬøÕªĴ</a></font></td>
        </tr>
        <tr>
            <td height="15"><a href="http://www.sintere.com.cn/about/join.htm"><font size="2">°"vÅ--ÃĬ</font></a></td>
        </tr>
        <tr>
            <td><font size="2"><a href="http://www.sintere.com.cn/news/news.htm">--Œ≈</a></font></td>
        </tr>
    </table>
</div>
<div id="abourmenuf" style="position:absolute; left:320px; top:125px; width:60px; height:70px; z-index:76; visibility: hidden"
onMouseOver="MM_showHideLayers('aboutmenu','','show','abourmenuf','','show')"
onMouseOut="MM_showHideLayers('aboutmenu','','hide','abourmenuf','','hide')"></div>
<div id="clubmenu" style="position:absolute; left:140px; top:118px; width:100px; height:55px; z-index:76; visibility: hidden"
onMouseOver="MM_showHideLayers('Layer2','','show','clubmenu','','show','clubmenuf','','show')"
onMouseOut="MM_showHideLayers('clubmenu','','hide','clubmenuf','','hide')">
    <table width="102%" border="0">
        <tr>
            <td height="8"><font face="Σ-ÀŒ_GB2312"></font></td>
        </tr>
        <tr>
            <td height="12"><font size="2"><a href="http://www.sintere.com.cn/club/outdoor/outdoor.htm">ªĴÕ,ªÓðØ</a></font></td>
        </tr>
        <tr>
            <td><font size="2"><a href="http://www.sintere.com.cn/club/eveningparty/eveningparty.htm">ÕĬª·</a></font></td>
        </tr>
        <tr>
            <td><font size="2"><a href="http://www.sintere.com.cn/club/forum/forum.htm">-ŒÃ¿</a></font></td>
        </tr>
    </table>
</div>
<div id="clubmenuf" style="position:absolute; left:130px; top:125px; width:100px;

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height:20px; z-index:75; visibility: hidden"
onMouseOver="MM_showHideLayers('Layer2','','show','clubmenu','','show','clubmenuf',
,','','show')"
onMouseOut="MM_showHideLayers('Layer2','','hide','clubmenu','','hide','clubmenuf',
,','','hide')"></div>
<div id="servicemenu" style="position:absolute; left:62px; top:110px; width:110px;
height:118px; z-index:75; visibility: hidden"
onMouseOver="MM_showHideLayers('servicemenu','','show','sevicemenuf','','show')"
onMouseOut="MM_showHideLayers('servicemenu','','hide','sevicemenuf','','hide')">
  <table width="100%" border="0"
onMouseOver="MM_showHideLayers('menu1','','show')"
onMouseOut="MM_showHideLayers('menu1','','hide')">
    <tr>
      <td height="19">
        <div align="left"></div>
      </td>
    </tr>
    <tr>
      <td height="7"><font size="2"><a href="http://ftp.tapr.org/software_library/
aprs/aprsnews/index.htm">≈†-µ</a></font></td>
    </tr>
    <tr>
      <td height="18">
        <div align="left"><font size="2"><a href="http://www.sintere.com.cn/
consulting/consulting.htm">∅...-∅</a></font></div>
      </td>
    </tr>
    <tr>
      <td>
        <div align="left"><font size="2"><a href="http://www.sintere.com.cn/jobs/
invite.htm">' -ΔΠ</a></font></div>
      </td>
    </tr>
    <tr>
      <td>
        <div align="left"><font size="2"><a href="http://www.sintere.com.cn/jobs/
apply.htm">«Û÷∞</a></font></div>
      </td>
    </tr>
    <tr>
      <td>
        <div align="left"><font size="2"><a href="http://www.sintere.com.cn/
managebook/booklist.htm">∅`...œ ÈµÍ</a></font></div>
      </td>
    </tr>
  </table>
</div>

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<div id="sevicemenu" style="position:absolute; left:50px; top:125px; width:80px;
height:60px; z-index:74; visibility: hidden"></div>
<div id="Layer1" style="position:absolute; left:262px; top:10px; width:370px;
height:70px; z-index:83"><object classid="clsid:D27CDB6E-
AE6D-11cf-96B8-444553540000" codebase="http://download.macromedia.com/pub/
shockwave/cabs/flash/swflash.cab#version=5,0,0,0" width="530" height="80">
  <param name=movie value="http://www.sintere.com.cn/images/flash/
sintereflash.swf">
  <param name=quality value=high>
  <embed src="http://www.sintere.com.cn/images/flash/sintereflash.swf"
quality=high pluginspage="http://www.macromedia.com/shockwave/download/index.cgi?
P1_Prod_Version=ShockwaveFlash" type="application/x-shockwave-flash" width="530"
height="80">
  </embed>
</object></div>
<div id="greyline" style="position:absolute; left:10px; top:155px; width:250px;
height:2px; z-index:1"></div>
</body>
<!-- #EndTemplate --></html>
```

From bounce-message-839@lists.tapr.org Tue May 6 16:09:17 2003
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.16) with SMTP id QAA14943
for <lyris.aprsnews@tapr.org>; Tue, 6 May 2003 16:09:16 -0500 (CDT)
Message-Id: <LYR839-131730-2003.05.06-17.00.37--
lyris.aprsnews@tapr.org@lists.tapr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tapr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tapr.org>
To: lyris.aprsnews@tapr.org
Subject: Your confirmation is needed (ok 839)
Date: Tue, 06 May 2003 17:00:37 -0500

Your email address 'lyris.aprsnews@tapr.org' has been submitted to be
unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be
unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that
the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tapr.org

You will receive notification that your confirmation has been received, and that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the mailing list.

Return-Path: <heooo@indollar.com>
Received: from ([218.18.128.84]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Tue, 06 May 2003 16:59:59 -0500
From: =?GB2312?B?vfDB7NbHxNzN+MLns0y5q8+1zbM=?= <heooo@indollar.com>
Subject:
To: aprsnews-request
Content-Type: text/html; charset="GB2312"
Date: Wed, 7 May 2003 05:09:56 +0800
X-Priority: 3
X-Mailer: Foxmail 4.2 [cn]

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tapr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <heooo@indollar.com>
Received: from ([218.18.128.84]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Tue, 06 May 2003 16:59:59 -0500
From: =?GB2312?B?vfDB7NbHxNzN+MLns0y5q8+1zbM=?= <heooo@indollar.com>
Subject: =?GB2312?B?1f2w5k9Bo6zSu9Xbs/bK260h=?=
To: leave-aprsnews-839e@lists.tapr.org
Content-Type: text/html; charset="GB2312"
Date: Wed, 7 May 2003 05:09:56 +0800
X-Priority: 3
X-Mailer: Foxmail 4.2 [cn]

<html xmlns:o="urn:schemas-microsoft-com:office:office"
xmlns:w="urn:schemas-microsoft-com:office:word"
xmlns="http://www.w3.org/TR/REC-html40">

<head>
<meta http-equiv=Content-Type content="text/html; charset=GB2312">
<meta name=ProgId content=Word.Document>
<meta name=Generator content="Microsoft Word 9">
<meta name=Originator content="Microsoft Word 9">
<link rel=File-List href="http://ftp.tapr.org/software_library/aprs/aprsnews/
%BD%F0%C1%EC%D5%FD%B0%E6%B7%E7%B1%A9.files/filelist.xml">
<title>Ñ;İ-°¥'£fµµ</title>

```

<!--[if gte mso 9]><xml>
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  <o:Author>slgz</o:Author>
  <o:Template>Normal</o:Template>
  <o:LastAuthor>jing</o:LastAuthor>
  <o:Revision>2</o:Revision>
  <o:TotalTime>303</o:TotalTime>
  <o:Created>2003-03-31T07:26:00Z</o:Created>
  <o:LastSaved>2003-03-31T07:26:00Z</o:LastSaved>
  <o:Pages>2</o:Pages>
  <o:Words>230</o:Words>
  <o:Characters>1313</o:Characters>
  <o:Company>indollar</o:Company>
  <o:Lines>10</o:Lines>
  <o:Paragraphs>2</o:Paragraphs>
  <o:CharactersWithSpaces>1612</o:CharactersWithSpaces>
  <o:Version>9.2812</o:Version>
</o:DocumentProperties>
</xml><![endif]--><!--[if gte mso 9]><xml>
<w:WordDocument>
  <w:PunctuationKerning/>
  <w:DrawingGridVerticalSpacing>7.8 01</w:DrawingGridVerticalSpacing>
  <w:DisplayHorizontalDrawingGridEvery>0</w:DisplayHorizontalDrawingGridEvery>
  <w:DisplayVerticalDrawingGridEvery>2</w:DisplayVerticalDrawingGridEvery>
  <w:Compatibility>
    <w:SpaceForUL/>
    <w:BalanceSingleByteDoubleByteWidth/>
    <w:DoNotLeaveBackslashAlone/>
    <w:ULTrailSpace/>
    <w:DoNotExpandShiftReturn/>
    <w:AdjustLineHeightInTable/>
    <w:UseFELayout/>
  </w:Compatibility>
</w:WordDocument>
</xml><![endif]-->
<style>
<!--
/* Font Definitions */
@font-face
  {font-family:Wingdings;
  panose-1:5 0 0 0 0 0 0 0 0 0;
  mso-font-charset:2;
  mso-generic-font-family:auto;
  mso-font-pitch:variable;
  mso-font-signature:0 268435456 0 0 -2147483648 0;}
@font-face
  {font-family:ÀĖÃÂ;
  panose-1:2 1 6 0 3 1 1 1 1 1;

```



```

mso-font-alt:SimSun;
mso-font-charset:134;
mso-generic-font-family:auto;
mso-font-pitch:variable;
mso-font-signature:3 135135232 16 0 262145 0;}
@font-face
{font-family:"\@ÀĒÃÂ";
panose-1:2 1 6 0 3 1 1 1 1 1;
mso-font-charset:134;
mso-generic-font-family:auto;
mso-font-pitch:variable;
mso-font-signature:3 135135232 16 0 262145 0;}
/* Style Definitions */
p.MsoNormal, li.MsoNormal, div.MsoNormal
{mso-style-parent:"";
margin:0cm;
margin-bottom:.0001pt;
text-align:justify;
text-justify:inter-ideograph;
mso-pagination:none;
font-size:10.5pt;
mso-bidi-font-size:12.0pt;
font-family:"Times New Roman";
mso-fareast-font-family:ÀĒÃÂ;
mso-font-kerning:1.0pt;}
a:link, span.MsoHyperlink
{color:blue;
text-decoration:underline;
text-underline:single;}
a:visited, span.MsoHyperlinkFollowed
{color:purple;
text-decoration:underline;
text-underline:single;}
p
{margin-right:0cm;
mso-margin-top-alt:auto;
mso-margin-bottom-alt:auto;
margin-left:0cm;
mso-pagination:widow-orphan;
font-size:12.0pt;
font-family:ÀĒÃÂ;
mso-bidi-font-family:"Times New Roman";}
p.a13, li.a13, div.a13
{mso-style-name:a13;
margin-right:0cm;
mso-margin-top-alt:auto;
mso-margin-bottom-alt:auto;
margin-left:0cm;

```

```

        mso-pagination:widow-orphan;
        font-size:12.0pt;
        font-family:ÀĖÃĖ;
        mso-bidi-font-family:"Times New Roman";}
/* Page Definitions */
@page
    {mso-page-border-surround-header:no;
    mso-page-border-surround-footer:no;}
@page Section1
    {size:595.3pt 841.9pt;
    margin:72.0pt 90.0pt 72.0pt 90.0pt;
    mso-header-margin:42.55pt;
    mso-footer-margin:49.6pt;
    mso-paper-source:0;
    layout-grid:15.6pt;}
div.Section1
    {page:Section1;}
/* List Definitions */
@list l0
    {mso-list-id:225923685;
    mso-list-type:hybrid;
    mso-list-template-ids:1990914768 67698699 67698691 67698693 67698689 67698691
67698693
67698689 67698691 67698693;}
@list l0:level1
    {mso-level-number-format:bullet;
    mso-level-text:\F0D8;
    mso-level-tab-stop:21.0pt;
    mso-level-number-position:left;
    margin-left:21.0pt;
    text-indent:-21.0pt;
    font-family:Wingdings;}
@list l1
    {mso-list-id:671221192;
    mso-list-type:hybrid;
    mso-list-template-ids:149580486 -1804982460 -762050666 1150951668 2051957422
831951444
1106706328 205931418 -127909394
-1156913424;}
@list l1:level1
    {mso-level-number-format:bullet;
    mso-level-text:\F0B7;
    mso-level-tab-stop:36.0pt;
    mso-level-number-position:left;
    text-indent:-18.0pt;
    mso-ansi-font-size:10.0pt;
    font-family:Symbol;}
@list l2

```

```

        {mso-list-id:1036926484;
        mso-list-type:hybrid;
        mso-list-template-ids:-1868813156 67698699 67698691 67698693 67698689
67698691 67698693
67698689 67698691 67698693;}
@list l2:level1
    {mso-level-number-format:bullet;
    mso-level-text:\F0D8;
    mso-level-tab-stop:42.0pt;
    mso-level-number-position:left;
    margin-left:42.0pt;
    text-indent:-21.0pt;
    font-family:Wingdings;}
@list l3
    {mso-list-id:1344086505;
    mso-list-type:hybrid;
    mso-list-template-ids:752408920 67698689 67698691 67698693 67698689 67698691
67698693
67698689 67698691 67698693;}
@list l3:level1
    {mso-level-number-format:bullet;
    mso-level-text:\F06C;
    mso-level-tab-stop:42.0pt;
    mso-level-number-position:left;
    margin-left:42.0pt;
    text-indent:-21.0pt;
    font-family:Wingdings;}
@list l4
    {mso-list-id:1621033467;
    mso-list-type:hybrid;
    mso-list-template-ids:1590201898 67698699 67698691 67698693 67698689 67698691
67698693
67698689 67698691 67698693;}
@list l4:level1
    {mso-level-number-format:bullet;
    mso-level-text:\F0D8;
    mso-level-tab-stop:42.0pt;
    mso-level-number-position:left;
    margin-left:42.0pt;
    text-indent:-21.0pt;
    font-family:Wingdings;}
ol
    {margin-bottom:0cm;}
ul
    {margin-bottom:0cm;}
-->
</style>
</head>

```

<body lang=ZH-CN link=blue vlink=purple style='tab-interval:21.0pt;text-justify-trim:punctuation'>

<div class=Section1 style='layout-grid:15.6pt'>

<p class=MsoNormal>" °, ±ÍÃ, £Ĵ' "∞Ê0A£""^a' €≥^ €£°</p>

<p class=MsoNormal align=center style='text-align:center'>Ω;İ' "∞ÊΣÁ±@<o:p></o:p></p>

<p class=MsoNormal align=center style='text-align:center'>°™°™»v»İ° ,æÛŸÛ∞∆≤À""^~±,, "À"÷ µ"v<o:p></o:p></p>

<p class=MsoNormal align=center style='text-align:center'><![if !supportEmptyParas]> <![endif]><o:p></o:p></p>

<p class=MsoNormal align=center style='text-align:center'><![if !supportEmptyParas]> <![endif]><o:p></o:p></p>

<p class=MsoNormal><«∞Æµf""v^ß£"f'Ĵv£°</p>

<p class=MsoNormal style='text-indent:21.0pt;mso-char-indent-count:2.0;mso-char-indent-size:10.5pt'>Ω;İ÷<f<Ô^-Á∞İπ'æµÔ≥ «".....Ô€/' -"Øð‡¿°
"-ÎØΔ°°"-æfin'Àæ'/'≥πµ∆Σ÷Æ^π'f'Ô,
Ô"¿‡"≈-,∞İπ'∆'ðØ^Ø»İ° ,µf^~Ÿ°...æ£"Ω·Ĵæπ'f'ΔÔ"µµf µ«Ê£"∆€ĴæŸÔ;ø""v^ßµf-Ê«Ô-€÷§£"≤..."
vµ±Œ∆∆∆æ»Ω-µf'/'æfl

π<ζİ°° 10'÷~...Ē°Δθ™Σϕμf''ªÄðÖÍ'°
μfνĒœÚΠ~ζ‡ΔŮ''μ°∞', ΠÆª·πŸμf∞İπ'œμŌ≥°£±æœμŌ≥ø™Σϕ≥...π¶Ω, ;ΩfÍζ¥£''-','π'f,' ''°Π Æ°"ΔŮ''μ≥...
π¶ μ @£''≤ϕμνμΩ
''νªĤπ,,Σf>æø...°£</p>

<p class=MsoNormal style='text-indent:21.0pt;mso-char-indent-count:2.0;
mso-char-indent-size:10.5pt'><span style='font-family:ÀĈÃÂ;mso-ascii-font-family:
"Times New Roman";mso-hansi-font-family:"Times New Roman"'>Ω•;İ÷«f<Ō~–Á∞İπ
'œμŌ≥ð;ÃŸμf°∞ ±~æϕ°ϕ
÷ª'ðÃ~≈°ϕπ§Ō~;~μ»''ª÷±',Ō''--''μ÷-
¥¶''/;İœ»μŸŒª£''æ'÷-ν;π€μfΩÁνĒ°ϕ°'Δ%°Ůμ•ΣΩ±,,μf≤ŸŌ~Π, «±ð <''νªĤ'fi...Ō°£œİ«Ē«İ≤Ēø¥£f</
span><span
lang=EN-US>http://www.indollar.net.</
span></p>

<p class=MsoNormal style='text-indent:21.0pt;mso-char-indent-count:2.0;
mso-char-indent-size:10.5pt'><span style='font-family:ÀĈÃÂ;mso-ascii-font-family:
"Times New Roman";mso-hansi-font-family:"Times New Roman"'>',/Ω, ;ΩfÍμf≤ªðœ≥...≥§÷-
£''Œ''ν«¥Ů¥Ů'^«ø;À
Ω•;İœμŌ≥μfπ¶f<°£--¥f''; °£''Œ''ªŸ;°
''ª÷±÷Ĥ≥÷''Ōð‡;°π'Àæμfπ,,¥Ů''∞Ē''νªĤ£''Œ''ν«ÃŸŌΔ≥^°∞Ω•;İ''ª'€''∞ĒΣÁ±@°±ªŌðø£''Σ≤</
span><span
lang=EN-US>2<span style='font-family:ÀĈÃÂ;mso-ascii-font-family:"Times New
Roman";
mso-hansi-font-family:"Times New Roman"'>'~10<span
style='font-family:ÀĈÃÂ;mso-ascii-font-family:"Times New Roman";mso-hansi-font-
family:
"Times New Roman"'>>'Δ•πf~ŮΩ•;İ÷«f<Ō~–Á∞İπ'œμŌ≥ASP+SQL</
span><span
style='font-family:ÀĈÃÂ;mso-ascii-font-family:"Times New Roman";mso-hansi-font-
family:
"Times New Roman"'>∞Ē±æμf''νªĤ£''ø...œİ <''ª'€°™°™°¥2500</
span><span
style='font-family:ÀĈÃÂ;mso-ascii-font-family:"Times New Roman";mso-hansi-font-
family:
"Times New Roman"'>'™Δ•πf~Ů'~∞ĒΩ•;İ÷«f<Ō~–Á∞İπ'œμŌ≥<span lang=EN-
US>ASP+SQL<span
style='font-family:ÀĈÃÂ;mso-ascii-font-family:"Times New Roman";mso-hansi-font-
family:
"Times New Roman"'>∞Ē''ªÃŌμf''≈ª>£''≤ϕø...ªŌμνν,Σ~°° 1÷Ĥ≥÷μ»Σ, ŒŌ£°£°£°</p>

<p class=MsoNormal style='text-indent:21.0pt;mso-char-indent-count:2.0;
mso-char-indent-size:10.5pt'><![if
!supportEmptyParas]> <![endif]><o:p></o:p></p>

<p class=MsoNormal><span style='font-family:ÀĈÃÂ;mso-ascii-font-family:"Times New
Roman";

<p class=MsoNormal> </p>

<p class=MsoNormal style='margin-left:21.0pt'>π'Àæv°≥ΔΕ
...ÓĖ,/' -"Øð‡¿° ~-ÎØΔ°°"-æfin'Àæ</p>

<p class=MsoNormal style='margin-left:21.0pt'>μÿ
÷ΣΕδ~17-•</p>

<p class=MsoNormal style='margin-left:21.0pt'>μÁ
ª∞Ε0755-83677269£ª0755-83677184</p>

<p class=MsoNormal style='margin-left:21.0pt'>¥ '
'ÊΕ0755-83677267</p>

<p class=MsoNormal style='margin-left:21.0pt'>MAILΕmarket@indollar.com</p>

<p class=MsoNormal style='margin-left:21.0pt'><span style='font-family:ÀĖÃĖ; mso-ascii-font-family:"Times New Roman";mso-hansi-font-family:"Times New

Roman">"μ€0<span
lang=EN-US>QQ<span style='font-family:À€ÃÂ;mso-ascii-font-family:"Times New
Roman";
mso-hansi-font-family:"Times New Roman"'>£f21540362</
span></p>

</div>

</body>

</html>

From bounce-message-839@lists.tapr.org Tue May 6 20:48:14 2003
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.16) with SMTP id UAA25711
for <lyris.aprsnews@tapr.org>; Tue, 6 May 2003 20:48:13 -0500 (CDT)
Message-Id: <LYR839-131758-2003.05.06-21.39.35--
lyris.aprsnews#tapr.org@lists.tapr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tapr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tapr.org>
To: lyris.aprsnews@tapr.org
Subject: Your confirmation is needed (ok 839)
Date: Tue, 06 May 2003 21:39:35 -0500

Your email address 'lyris.aprsnews@tapr.org' has been submitted to be
unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be
unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that
the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tapr.org

You will receive notification that your confirmation has been received, and
that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the
mailing list.

Return-Path: <info@sintere.com.cn>
Received: from ([61.144.207.37]) by lists.tapr.org with SMTP (Lyris Server

version 3.0); Tue, 06 May 2003 21:37:30 -0500
From: =?GB2312?B?0NDM7A==?= <info@sintere.com.cn>
Subject:
To: aprsnews-request
Content-Type: text/html; charset="GB2312"
Reply-To: info@sintere.com.cn
Date: Wed, 7 May 2003 09:45:26 +0800
X-Priority: 3
X-Mailer: FoxMail 4.0 beta 2 [cn]

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tapr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <info@sintere.com.cn>
Received: from ([61.144.207.37]) by lists.tapr.org with SMTP (Lyris Server
version 3.0); Tue, 06 May 2003 21:37:30 -0500
From: =?GB2312?B?0NDM7A==?= <info@sintere.com.cn>
Subject: =?GB2312?B?yMvBptfK1LS53MDtM1C6y9DEv86zzA==?=
To: leave-aprsnews-839e@lists.tapr.org
Content-Type: text/html; charset="GB2312"
Reply-To: info@sintere.com.cn
Date: Wed, 7 May 2003 09:45:26 +0800
X-Priority: 3
X-Mailer: FoxMail 4.0 beta 2 [cn]

```
<html><!-- #BeginTemplate "/Templates/template .dwt" -->
<head>
<!-- #BeginEditable "doctitle" -->
<TITLE>Sintere»À;¶  '¥π<¿Ï≈‡-μ£"æμÕ≥ªØ»À;¶  '¥π<¿Ï÷™  0°¢°°  1°¢÷∞"μªØπ<¿Ïf<;¶</
TITLE>
<META name="description" content="Sintere»À;¶  '¥π<¿Ï≈‡-μΩ·∫æ μ°  £"∞¶¿" ΩΩÃ-
ß£"æμÕ≥ªØ»À;¶  '¥π<¿Ï÷™  0">
<META name="keywords" content="Sintere»À;¶  '¥π<¿Ï≈‡-μ£"»À;¶  '¥π<¿Ï≈‡-μ£"π<¿Ï≈‡-
μ£"»À;¶  '¥π<¿Ï£"»À;¶  '¥π<¿Ï≈‡-μ£"≈‡-μ£"»À;¶  '¥π<¿Ï≈‡-μ">
<!-- #EndEditable -->
<meta http-equiv="Content-Type" content="text/html; charset=gb2312">
<script language="JavaScript">
<!--

<!--
function MM_reloadPage(init) { //reloads the window if Nav4 resized
  if (init==true) with (navigator) {if
((appName=="Netscape")&&(parseInt(appVersion)==4)) {
    document.MM_pgW=innerWidth; document.MM_pgH=innerHeight;
onresize=MM_reloadPage; }}

```

```

    else if (innerWidth!=document.MM_pgW || innerHeight!=document.MM_pgH)
location.reload();
}
MM_reloadPage(true);
// -->

function MM_findObj(n, d) { //v4.0
    var p,i,x;  if(!d) d=document; if((p=n.indexOf("?"))>0&&parent.frames.length) {
        d=parent.frames[n.substring(p+1)].document; n=n.substring(0,p);}
    if(!(x=d[n])&&d.all) x=d.all[n]; for (i=0;!x&&i<d.forms.length;i++) x=d.forms[i]
[n];
    for(i=0;!x&&d.layers&&i<d.layers.length;i++)
x=MM_findObj(n,d.layers[i].document);
    if(!x && document.getElementById) x=document.getElementById(n); return x;
}

function MM_showHideLayers() { //v3.0
    var i,p,v,obj,args=MM_showHideLayers.arguments;
    for (i=0; i<(args.length-2); i+=3) if ((obj=MM_findObj(args[i]))!=null)
{ v=args[i+2];
    if (obj.style) { obj=obj.style; v=(v=='show')?'visible':
(v='hide')?'hidden':v; }
    obj.visibility=v; }
}
//-->
</script>
<link rel="stylesheet" href="http://www.sintere.com.cn/Style.css" type="text/css">
</head>
<body bgcolor="#FFFFFF" text="#000000" link="#456D8C" vlink="#456D8C"
alink="#FF6478">
<div id="redline" style="position:absolute; left:0px; top:125px; width:50px;
height:5px; z-index:2"></div>
<div id="Layer3" style="position:absolute; left:30px; top:42px; width:90px;
height:40px; z-index:3"></div>
<div id="Layer17" style="position:absolute; left:140px; top:160px; width:0px;
height:30px; z-index:17"></div>
<div id="Layer19" style="position:absolute; left:10px; top:152px; width:250px;
height:5px; z-index:19"></div>
<div id="Layer16" style="position:absolute; left:10px; top:130px; width:760px;
height:30px; z-index:20"><!-- #BeginEditable "title" -->
    <div align="center"><font face=";• È" color="#456D8C" size="5"><b><font
face=";• È" color="#456D8C" size="5"><b></b></font><font color="#FF0000"
style="font-family:;• È; font-size:25px;font-weight:bold">Sintere»À;¶Ð ‘¥π<¿İ</
font><font face=";• È" color="#456D8C" size="5"><b><font color="#FF0000"
style="font-family:;• È; font-size:25px;font-weight:bold">3P</font></b></

```

```
font><font color="#FF0000" style="font-family:;• È; font-size:25px;font-
weight:bold">ƒÀ-føƐÄ</font></b></font></div>
<!-- #EndEditable --></div>
<div id="Layer18" style="position:absolute; left:12px; top:160px; width:145px;
height:630px; z-index:21"><!-- #BeginEditable "image" -->
<p></p>
<p><font size="2">
<a href="http://www.sintere.com.cn/ketangxiezhen/ketangxiezhen.htm"></a></
font><font color="#000000" size="2"><a href="http://www.sintere.com.cn/training/
openclass/aplactionform_blue.doc" target="_blank">Ɛ''''™±®v°</a></font></p>
<p align="center">&nbsp;</p>
<!-- #EndEditable --></div>
<div id="Layer20" style="position:absolute; left:180px; top:160px; width:570px;
height:10000px; z-index:22"><!-- #BeginEditable "word" -->
<table width="100%" border="1">
<tr bordercolor="#FFFFFF" bgcolor="#FF0000">
<td colspan="2" height="23">
<div align="left"><font color="#FFFFFF"><b><font size="2" style="font-
size:15px;font-weight:bold">
øƐÄ-≈æƐ</font></b></font></div>
</td>
</tr>
<tr>
<td width="14%" height="71"><font size="2" color="#FF0000">øƐÄ°ÓΩÈ</font></
td>
<td width="86%" height="71"><font size="2">ƒ;Ɛfi''...Ɛ È''/,»À;¶Œ '¥π<_İ÷-È''<font
color="#FF0000" style=" font-size:15px;font-weight:bold">
3P-</font><font color="#FF0000"><b>Π,Ɛ°Σ÷Ɛ^°Ɛ°°-ƒø°Δ<_°Ɛ-Ω≥Íπ<_İ</b></
font> «ðÓ;Ó»ÀŒΣŒ¥Ɛ''≤ «ðÓ''»À»Î §μƒ°ƐÄÊŒ÷-π'°''»ÎWTOƐ''»ÁƒƐΠ, ''--
ƒμŸ μ ©»À;¶Œ '¥π<_İ «Ä''-π<_İ'flvÊ;Ÿμƒ''»¥ŒÄŸ'Ω°Ɛ&quot;Sintere»À;¶Œ '¥π<_İƒÀ-føƐÄ-
SHRMT-3P&quot;Ω'Ω.ƒœ-ƒ'±π§Œ~ μ° È''Œ°π''¥Œ;øœΠ<_Σ÷ƐƐ^Ɛ'' π-ƒ'±-ΠÄŸ°Ɛ''--
ƒμƒ'ΔƐ'»À;¶Œ '¥π<_İ÷-μƒΠ,Ɛ°Σ÷Ɛ^°Ɛ°°-ƒø°Δ<_°Ɛ-Ω≥Íπ<_İ--3PƒÀ-f°° 1°Ɛπ§æfl°
ƐƐ''Ω,æ^ΔŒ''μ',/»À;¶Œ '¥π<_İπ§Œ÷--'^μΩμƒƒÀ-fƐ Ä,Ä.π©;Ä''--ƒμƒΩ,æ^ΣΩœΠ°Ɛ
</font></td>
</tr>
<tr>
<td width="14%" height="64"><font size="2" color="#FF0000">øƐÄƒfø±Í</font></
td>
<td width="86%" height="64"><font size="2" color="#333333">°§ ŒΠƐ^»À;¶Œ '¥°
Ɛ»À;¶Œ '¥π<_İμƒÄŸμ,,°Ɛ<br>
°§ 'ΔƐ'»À;¶Œ '¥π<_İμƒƒÀ-f'≠_İ°Ɛ°° 1°ƐΣΩΣ°°Ɛπ§æfl°Ɛ<br>
°§ Ω,Ɛ^»À;¶Œ '¥π<_İ3P÷--'^μΩμƒΠ<_ƒƒƐ Ä,μƒΩ,æ^œİΣ°°Ɛ<br>
°§ Ω,æ^»À;¶Œ '¥π<_İ3P°Óð÷-μƒ÷Δð°æ^≤fl°Ɛ°Δ°Ɛ±÷Δμƒ≤≈ƒ<°Ɛ<br>
°§ 'ΔƐ'»À;¶Œ '¥π<_İΣƐ'π«~ Δ°Ɛ</font></td>
</tr>
<tr>
```

	<td width="14%">≈‡-μª·ππ</td> <td width="86%">°§ √¿π`Sintere Management Consulting Group. °§ ...Ó€/ ---ÃÏΔÔ“μπ<¿Ì≤flªÆ”-æfiπ´Àæ</td>
	</tr> <tr> <td height="54" width="14%">≥¨÷µªÿ±®</td> <td height="54" width="86%"> 1. 'ΔΕ'»À¡;¶Ø '¥π<¿Ì3PªÓðØµf÷™ ð°¢°° 1°¢Ø°“µªØπ<¿Ìf<¡;¶£ª 2. ªÒµ√÷--°¢“¢£f"Sintere»À¡;¶Ø '¥π<¿Ì∫À-fø£≥Ã-SHRM-T-3P";§ È£ª 3. Ω°¡¢±È≤°Π~µÿµfΠfl≤,,¥£µf»À° Õ¯-Á£ª 4. ≥...£™Sintereæ,,¿÷÷øª·'±£¨≥§Δ/œÏ <ª·'± ''Ê°£</td>
	</tr> <tr bgcolor="#FF0000"> <td colspan="2"> <div align="left">ø£≥Ã∞≤≈≈</div> </td> </tr> <tr> <td width="14%">Ω≤“Â</td> <td width="86%">"Sintere»À¡;¶Ø '¥π<¿Ì∫À-fø£≥Ã";Ω≤“Â</td> </tr> <tr> <td width="14%" height="347">ø£≥Ãf,'»></td> <td width="86%" height="347"> <p>µ,‘ª≤øΣ÷£∫øÈ÷øΣ÷£^°¢π§ø~Σ÷£^°¢π§ø~... È°Δ 1. øÈ÷øΩ·ππ”Îπ§ø~Σ÷£^ 2. øÈ÷øΩ·ππªÆΣ÷´≠’Ú∫ÕΣΩΣ° 3. π§ø~Σ÷£^ΣΩΣ° 4. π§ø~Σ÷£^¡;¨≥Ã 5. π§ø~Σ÷£^µ%-Õ”¶”√ µ,/ð¿≤øΣ÷£∫°*-ßπ<¿Ì 1. ≤√¥ «°*-ßø°Δ¿£ø 2. £™ ≤√¥”™ð’π§ø~°*-ßΩ^-Δ¿°££ø 3. À≠¿¥Ω^-ππ§ø~°*-ßΔ¿°££ø 4. Δ¿π¿ ≤√¥-Ω°¡¢’Ω’-’KPI÷Π±ÍÃÃæµ£ª 5. π§ø~°*-ßΔ¿°£ΣΩΣ°°*-ßΔ¿°£µf≤Ω÷È 7. ø°Δ¿÷÷Δ/’ 8. π§ø~°*-ßΔ¿°£÷÷-ø...f<¿^æ÷µf£ Ã, °∞Ω, æ^∞ÏΣ° 9. π§ø~°*-ßΔ¿°£√ÊÃΠ 10. °°-ßø°∫Àæµõ≥µfΔ¿°£±Íø° 11. ∞Π¿; ””¶”√

μ,/>”≤øΣ÷£ƒ-Ω≥Í°ϕΠ£¿°π<¿İ

1. “ªΠ^ μ¿”

2. -Ω≥Í°∞∞±πÿπÿ°,Π≈fó

3. π§ø π<¿İμf’≠’Ú

4. -Ω≥Í°™Äÿ

5. -Ω≥Íμ~≤Ê

6. π§ø ΣΩ∞Π

7. μ±«∞Ä~vÊ;ÿμfÄÙ’Ω

8. π§ø ø’πÔ’±Π^»Àμf”∞∞İ

9. π§ø ”∞∞İ¿Ôøø;¶ø”ÆÈμfππ≥...

10. π<¿İ»Ä’±”ÎΠfl≤,,--’ π<¿İ»Ä’±μfπ§ø

11. ΔÛ”μ’Ω¬’”Î-Ω≥Í’Ω¬’

12. ∞Π¿””¶”v

13. Π£¿°π<¿İ

14. Π£¿°ø™÷ƒ’^≥§μf’≠”Ú

15. Π£¿°∞óƒø

16. Π£¿° μÆÛ </p>

<p>Àμv~£ƒΩ≤øÆμf»’≤øf,’>>÷-Ω’Æƒ»Δ£ƒ

°§ ÷-π’°”»ÎWTO ƒÛΔÛ”μvÊ;ÿμfÆ Ä,

°§ -≈æø°° ıμføİÄÿΣϕ’πƒÔ”¶”vμfΔ’°∞ø’»Ä;¶ø ‘¥π<¿İμf”∞∞İ

°§ Ω·ƒ∞-ƒ’±π§ø~÷-”^μΩμf μ° Æ Ä,

°§ π’Äæ¿æø<°ϕ÷±æflæ≠¿İ»ÁƒÆ»vø’°ƒÔ≈ø”vøÄİø°”---¬μfΩ~≤Ω°£

 </p>

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<tr>

<td width="14%" height="32">≈‡-μÄÿμ,,</td>

td>

<td width="86%" height="32">MBA ΩΩÄ-ƒ°£Ω·ƒ∞÷-π’Æfªø°øæ≠°v°

ø°° ıƒÔΣ°¬...μ»Äÿμ,,£”Ω·ƒ∞-ƒ’±μfæflÄÄ«Èø^£”¥Û;ø∞Π¿”Σ÷Æ^£”æ

’±ÿ≤° ^»Ä;¶ø ‘¥π<¿İ’≠¿İ°° ı£”øİÄÿÄ·...-ƒ’±μf÷∞”μªøπ<¿İƒ<ı;¶°£</td>

</tr>

<tr>

<td width="14%" height="29">≈‡-μø’æÛ°∞-ƒ’±°™«Û</td>

<td width="86%" height="29">»Ä;¶ø ‘¥æ≠¿İ°øϕ»Ä;¶ø ‘¥÷~π<°

ø»Ä;¶ø ‘¥ø°’±μ»»Ä;¶ø ‘¥π<¿İπ§ø~fl£”ªüæ£Ô°¥” ¬»Ä;¶ø ‘¥π<¿İπ§ø~μf»Ä’±°£</td>

</tr>

<tr>

<td width="14%" height="14">≈‡-

μ ±°°∞∞øÆ ±∞≈≈</td>

<td width="86%" height="14">5’-30°ø31»’°ø6’-1»’...æøÆ£”ı”-

-3Äİ2Öİ£ª

°¥÷<ÆÄ°ø÷<ı;~°ø÷<»’£ª9£ƒ00-12£ƒ00£”1£ƒ30-5£ƒ30£”6£ƒ30-8£ƒ30°£</td>

</tr>

<tr>

<td width="14%" height="6"><font size="2"

color="#FF0000">±°v°μÿμ,,°∞ı°™æμμª°∞</td>

	<td width="86%" height="6">...0€,' -Πfl- ¬«̂fæ«̂Δ°°fæ Æð,-ΣΣΩΥŮΥŮæv1710 " μÁª∞£ƒ0755-26993690 26993691 ¥' 'Ê£ƒ0755-26993695</td>
	<tr> <td width="14%" height="6">≈‡-μμÿμ,,</td>
	<td width="86%" height="6">...Ó€,′ -Π£ÃÔ«̂Π£ª™''ª¬Σπ`º ... Ãª·¥ŮævB0˘606 " </td>
	<tr> <td width="14%" height="14">Σ- "√</td> <td width="86%" height="14">2400'™/>À£¨Σ-"√∞,¿≈‡-μΣ-º¢Ω≤"ÂΣ- ƒÕ÷§ ÊΣ-º¢≤õΣ-º£õ,μÿ-ξ'±¤◊ÀfiΣ-"√¤' ¿Ì°£' €ø££ƒ;Ω»À""' ...æÕ≈ÃÃ±ª√°; İæİ <9.5'€£¨Àƒ>À""' ... æÕ≈ÃÃ±ª√°; İæİ <9'€£¨¿æ-ξ'±μ•£ªμƒ±ª√°' flðÚŌ,æİ <9'€¨≈ª°,º£</td>
	</tr> <tr bgcolor="#FF0000"> <td colspan="2">ø°Δ¿</div> </td> </tr> <tr> <td width="14%" height="14">ø°Δ¿</td> <td width="86%" height="14">Ω·ƒæ μº -¥ ''ªΔ'''£ƒ'-ªŮŸ·ƒæ±æ»Àμƒ μº π§¤~æÕ»À;¶¤ '¥π<¿Ì÷-3Pμƒ''ªΠ^ΣΩVÊμƒ£ Ã,Ã·π©Ω,æ^ΣΩ∞Π</td> </tr> <tr> <td width="14%" height="14">≥...º</td> <td width="86%" height="14">≥...ºμ»ºð£™£ƒ A + (20%)£ª A £ª B£ª C (≤ªõªπ"£ƒ0-5%)º£</td>
	</tr> <tr bordercolor="#CCCCCC" bgcolor="#FF0000"> <td colspan="2">÷§ È</div> </td> </tr> <tr> <td colspan="2">»%Σ¢÷§ Ê£ƒ"Sintere»À;¶¤ '¥π<¿ÌĴÀ-fø£≈Ã-SHRM-T-3P";§ Èº£</td> </tr> <tr bgcolor="#FF0000"> <td colspan="2">≤ø§÷Ω≤ ¶ŲÈ...</td>

 ≈İ≤Qđ'ÉJÀđ ØÉ"±æ"μ"/√¿π'ΠÁ-đ±»-«¥Ů-ß°É'/'Ω»/'°ωπ<¿İπÀÆ a'ππ"-11fÍμfæ#-
 ÈÉJLehman Brothers, Jersey City, NJ
 °£Salomon Smith Barney, New York, NY°£ Goldman Sachs, Co., New York, NY°
 £

D.E. Shaw & Co., New York, NY°£</p>
 </td>
 </tr>
 <tr>
 <td width="14%" height="14">æÓfð-°đÈ</td>
 <td width="86%" height="14">
 <p>æÓfð-°đÈμffðμf «Ω·Jæ¿İ-ÉJŮ μ° É" π-ß'±
 '/'đÓđÃμf ±°%f,-ß°."¶"√đÓ"--ßμfπ<¿İ°° 1É"Ů" ±Æ"-ß'±Ã·πœ±°·;ÀΩ,°œ±°·-ßœμf°·a°·°É-
 ß'±Ω'±°ÂÊ°·÷Π°μ°°Π^6-8»Àμf-°đÈ°ÉVðΠ^°-°đÈΩ':</p>
 <p>1. -°'Ů»À;¶đ '¥π<¿İμf"°Π^ΣΩVÊ (¿"»Á'-ΔΠ°
 φπΣđ ΠÉ¿°·φ°Δ¿°·φΔŮ"μÆf°Øμ»)

 2. -°'Ů"°°"-°đÈ İæ\$μfΔŮ"μÉ"đ'Δ%°√±æðÆ≥ÃΩÈ...<μfΣΩΣ°Ω--Σ÷Æ^°É '°Øf,,°
 'Ůμf»À;¶đ '¥;İ"Ůμfæ±πÿ-≈œφÉ"-¥"°Δ™Æf'-°áŮ"°Π^Ω,æ^ΣΩωΠ°ÉŮ°π"...æðÆJŮ--æðæ±πÿđ ;æÉ"¿İ-È
 --æðΩ·Jæ μ° ΔŮ"μΣ÷Æ^«ÂÆ' ;ÀΩ,' ,°a;İ"ŮÉ"≥...Æ™' ,°a;İ"Ůμfđ°°""Ů°É

 3. -°đÈæÓfðμf ÈVÊ±°ΠÊΩ'"/≈±-μ ±Ω≤ ¶÷Πđ°μf ±°%Ã·Ω°°É đÓJŮΩ·π°Ω'∞,¿°μ
 '≤°æ÷æfi"/:</p>
 <p>°\$ ΔŮ"μμfΣ÷Æ^ (đÈ÷Øππ°<°φ»À;¶đ '¥°
 φ÷Δđ»ÃÂæμ°·φΔŮ"μÆf°ØΣΩVÊ) 1- 2"≥

 °\$ »À;¶đ '¥π<¿İ;İ"ŮΣΩVÊμf¿İ-Ès"¿æ>1- 2">

 °\$ Ω·-È 1- 2 "≥°\$ ΠΩ...æÆfæđ°É°Ø..."V¿æ ¶Ã·πðμfđ ;æÉ©</p>
 </td>
 </tr>
 <tr>
 <td width="14%" height="14">

 °đØŮ°™«Ů </td>
 <td width="86%" height="14">°\$ -°đÈÃ÷-È ±-
 ß'±"°™≥%Σ÷"İΔ%À°»ÀΩ°;~°φπμŮ°°É

 °\$ -ß'±"¶≥%Σ÷¿°"√J√¿æ ¶' ,°°đ '¥°É

 °\$ -ß'±"°™;Ů-f"-πÿμfΠ~¿±Ů°÷°™É"»Á"-≤°√÷÷Æ¥¶°∞ ±ΣφÆ °É

 °\$ -ß'±"¶Ω·Jæ±æ»ÀÃ~'/'ΔŮ"μμf μ° À°ð°Æ Ã,≤φÃ·≥^Ω,æ^Æ Ã,μfÀ°-Σ°É

 °\$ πf¿-ß'±≤Æ°"-°đÈÃ÷-ÈÉ"/'-°đÈ°đØ÷-É"¶Ů°ŮÿÀ°-Σ°φ"°a'æΣφ-'°
 φÆ, 'Δ%À°»ÀμfÀ°æİæ'°°É"μ' «±ÿ-İđ'°JđØ ÷Ůİ≥...±°ΠÊÉ"≤°a' -İ'"≥°É

 °\$ É°"-Π,Πfl-ßμf-ßœ-ßπ°É"«İ-ß'±∞¥'"¿æ ¶μf"°«ŮŮİ≥...đ-"μÉ°À°ð°Ã,É©°É

 °\$ '/'Ã÷-È÷-É"≤°μ√"VÆfi¿đJŮÃŮ-ΔμfÃ"đ»đ'¥"Δ%À°-ß'±É"°«÷ÿÀ°»ÀμfæİΣ°JŮ",°°
 É

 °\$ '/'Ůİ≥...-°đÈđ~"μ ±É"°°°"İđÈ≥\$Jæđ~°É

 °\$ Ω---'"VÊμfÉ"Ω°...È-'μf-°đÈÃ÷-È°É</td>
 </tr>
 </table>
 <div align="center">
 <p> </p>

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<p><br>
  <br>
  <br>
</p>
<p></p>
<p><br>
  <br>
  <br>
</p>
</div>
<!-- #EndEditable --></div>
<div id="Layer4" style="position:absolute; left:10px; top:100px; width:300px;
height:10px; z-index:23">
  <table width="100%" border="0">
    <tr>
      <td width="9%"><a href="http://www.sintere.com.cn/index.htm"></a></td>
      <td width="1%"></td>
      <td width="20%"
onMouseOver="MM_showHideLayers('servicemenu','','show','sevicemenuf','','show')"
onMouseOut="MM_showHideLayers('servicemenu','','hide','sevicemenuf','','hide')"><i
mg src="http://www.sintere.com.cn/images/service.gif" width="70" height="15"></td>
      <td width="1%"></td>
      <td width="28%"
onMouseOver="MM_showHideLayers('clubmenu','','show','clubmenuf','','show')"
onMouseOut="MM_showHideLayers('clubmenu','','hide','clubmenuf','','hide')"></td>
      <td width="3%"></td>
      <td width="20%"
onMouseOver="MM_showHideLayers('knowmenuf','','show','knowmenu','','show')"
onMouseOut="MM_showHideLayers('knowmenuf','','hide','knowmenu','','hide')"></td>
      <td width="1%"></td>
      <td width="17%"
onMouseOver="MM_showHideLayers('aboutmenu','','show','abourmenuf','','show')"
onMouseOut="MM_showHideLayers('aboutmenu','','hide','abourmenuf','','hide')"></td>
    </tr>
  </table>
</div>
<div id="Layer5" style="position:absolute; left:640px; top:100px; width:140px;

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height:10px; z-index:24">
<table width="68%" border="0">
  <tr>
    <td width="48%"><a href="http://www.sintere.com.cn/contact/contact.htm"></a></td>
    <td width="4%"></td>
    <td width="48%"><a href="http://www.sintere.com.cn/related/related.htm"></a></td>
  </tr>
</table>
</div>
<div id="knowmenu" style="position:absolute; left:238px; top:125px; width:80px;
height:57px; z-index:81; visibility: hidden"></div>
<div id="knowmenu" style="position:absolute; left:240px; top:110px; width:80px;
height:80px; z-index:82; visibility: hidden"
onMouseOver="MM_showHideLayers('Layer2','','show','knowmenu','','show','knowmenu'
,'','show')"
onMouseOut="MM_showHideLayers('knowmenu','','hide','knowmenu','','hide')">
  <table width="101%" border="0">
    <tr>
      <td>&nbsp;</td>
    </tr>
    <tr>
      <td height="12"><font size="2"><a href="http://www.sintere.com.cn/
sinterepapers/sinterepapers.htm">--ÃÏf'¬</a></font></td>
    </tr>
    <tr>
      <td><font size="2"><a href="http://www.sintere.com.cn/discuss/
discuss.htm">∞Π¿"Σ÷f^</a></font></td>
    </tr>
    <tr>
      <td><font size="2"><a href="http://www.sintere.com.cn/knowledge/wenzhai/
weizhai.htm">f'™</a></font></td>
    </tr>
    <tr>
      <td><font size="2"><a href="http://www.sintere.com.cn/knowledge/
duanyu.htm">ð*“μ 1"ô</a></font></td>
    </tr>
  </table>
</div>
<div id="aboutmenu" style="position:absolute; left:320px; top:112px; width:67px;
height:60px; z-index:77; visibility: hidden"
onMouseOver="MM_showHideLayers('aboutmenu','','show','abourmenu','','show')"
onMouseOut="MM_showHideLayers('aboutmenu','','hide','abourmenu','','hide')">

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<table width="94%" border="0" height="56">
  <tr>
    <td height="17">&nbsp;</td>
  </tr>
  <tr>
    <td height="16"><font size="2"><a href="http://www.sintere.com.cn/about/about.htm">π'ÀæQË...</a></font></td>
  </tr>
  <tr>
    <td><font size="2"><a href="http://www.sintere.com.cn/about/about.htm#customer">--ÃÏø0ªĴ</a></font></td>
  </tr>
  <tr>
    <td height="15"><a href="http://www.sintere.com.cn/about/join.htm"><font size="2">°"vÄ--ÃÏ</font></a></td>
  </tr>
  <tr>
    <td><font size="2"><a href="http://www.sintere.com.cn/news/news.htm">--£≈</a></font></td>
  </tr>
</table>
</div>
<div id="abourmenuf" style="position:absolute; left:320px; top:125px; width:60px; height:70px; z-index:76; visibility: hidden"
onMouseOver="MM_showHideLayers('aboutmenu','','show','abourmenuf','','show')"
onMouseOut="MM_showHideLayers('aboutmenu','','hide','abourmenuf','','hide')"></div>
<div id="clubmenu" style="position:absolute; left:140px; top:118px; width:100px; height:55px; z-index:76; visibility: hidden"
onMouseOver="MM_showHideLayers('Layer2','','show','clubmenu','','show','clubmenuf','','show')"
onMouseOut="MM_showHideLayers('clubmenu','','hide','clubmenuf','','hide')">
  <table width="102%" border="0">
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      <td height="8"><font face="Σ-À£_GB2312"></font></td>
    </tr>
    <tr>
      <td height="12"><font size="2"><a href="http://www.sintere.com.cn/club/outdoor/outdoor.htm">ªĴ0,ªóðø</a></font></td>
    </tr>
    <tr>
      <td><font size="2"><a href="http://www.sintere.com.cn/club/eveningparty/eveningparty.htm">øÏª·</a></font></td>
    </tr>
    <tr>
      <td><font size="2"><a href="http://www.sintere.com.cn/club/forum/forum.htm">-£Ã¿</a></font></td>
    </tr>
  </table>

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    </table>
</div>
<div id="clubmenuf" style="position:absolute; left:130px; top:125px; width:100px;
height:20px; z-index:75; visibility: hidden"
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,','','show')"
onMouseOut="MM_showHideLayers('Layer2','','hide','clubmenu','','hide','clubmenuf',
','','hide')"></div>
<div id="servicemenu" style="position:absolute; left:62px; top:110px; width:110px;
height:118px; z-index:75; visibility: hidden"
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onMouseOut="MM_showHideLayers('servicemenu','','hide','sevicemenuf','','hide')">
    <table width="100%" border="0"
onMouseOver="MM_showHideLayers('menu1','','show')"
onMouseOut="MM_showHideLayers('menu1','','hide')">
        <tr>
            <td height="19">
                <div align="left"></div>
            </td>
        </tr>
        <tr>
            <td height="7"><font size="2"><a href="http://ftp.tapr.org/software_library/
aprs/aprsnews/index.htm">≈‡-µ</a></font></td>
        </tr>
        <tr>
            <td height="18">
                <div align="left"><font size="2"><a href="http://www.sintere.com.cn/
consulting/consulting.htm">ŉ...-ŉ</a></font></div>
            </td>
        </tr>
        <tr>
            <td>
                <div align="left"><font size="2"><a href="http://www.sintere.com.cn/jobs/
invite.htm">'-ΔΠ</a></font></div>
            </td>
        </tr>
        <tr>
            <td>
                <div align="left"><font size="2"><a href="http://www.sintere.com.cn/jobs/
apply.htm">«Ů÷∞</a></font></div>
            </td>
        </tr>
        <tr>
            <td>
                <div align="left"><font size="2"><a href="http://www.sintere.com.cn/
managebook/booklist.htm">ŉ~...æ ÈµÍ</a></font></div>
            </td>
        </tr>
    </table>

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        </tr>
    </table>
</div>
<div id="sevicemenu" style="position:absolute; left:50px; top:125px; width:80px;
height:60px; z-index:74; visibility: hidden"></div>
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height:70px; z-index:83"><object classid="clsid:D27CDB6E-
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    <param name=quality value=high>
    <embed src="http://www.sintere.com.cn/images/flash/sintereflash.swf"
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height="80">
    </embed>
</object></div>
<div id="greyline" style="position:absolute; left:10px; top:155px; width:250px;
height:2px; z-index:1"></div>
</body>
<!-- #EndTemplate --></html>

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From bounce-message-839@lists.tappr.org Tue May 6 23:10:09 2003
 Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
 by tappr.org (8.9.3/8.9.3/1.16) with SMTP id XAA01750
 for <lyris.aprsnews@tappr.org>; Tue, 6 May 2003 23:10:07 -0500 (CDT)
 Message-Id: <LYR839-131786-2003.05.07-00.01.32--
 lyris.aprsnews#tappr.org@lists.tappr.org>
 X-Lyris-Type: unsub-conf-req
 From: Lyris <unsubscribe-confirm@lists.tappr.org>
 Reply-To: Lyris <unsubscribe-confirm@lists.tappr.org>
 To: lyris.aprsnews@tappr.org
 Subject: Your confirmation is needed (ok 839)
 Date: Wed, 07 May 2003 00:01:32 -0500

Your email address 'lyris.aprsnews@tappr.org' has been submitted to be
 unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be
 unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that
 the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tappr.org

You will receive notification that your confirmation has been received, and
that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the
mailing list.

Return-Path: <web@wzhot.com>
Received: from ([218.71.6.76]) by lists.tappr.org with SMTP (Lyris Server version
3.0); Wed, 07 May 2003 00:01:13 -0500
From: web@wzhot.com
Subject:
To: aprsnews-request
Date: Wed, 7 May 2003 12:09:47 +0800
X-Priority: 3
X-Mailer: CSM2.8

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tappr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <web@wzhot.com>
Received: from ([218.71.6.76]) by lists.tappr.org with SMTP (Lyris Server version
3.0); Wed, 07 May 2003 00:01:13 -0500
From: web@wzhot.com
Subject: =?GB2312?B?x+Hlyb2owaLX1Ly6tcTN+NW+?=
To: leave-aprsnews-839e@lists.tappr.org
Date: Wed, 7 May 2003 12:09:47 +0800
X-Priority: 3
X-Mailer: CSM2.8

"a÷±j<œî"-Π^δ'°jμfδ~'æ «∞...£~μ'""mδ~ -Áπ'Àæ¿¥∞ôf,,δ^£~Ã'-";À£~""≤""mÃ'ð‡μf<Æ£~œ÷'/'f,,ø...
"'«·«·À...æôf<Ω""aΠ^δ~'æ;À°£f,,¥ú¥úδ÷æô--°£δ~«"
ø...""œ»v,Σ- "'v°£øİ¿¥ø¥ø¥∞...£fhttp://www.wzhot.com/qysw.asp

QQ:183082077 μÁª∞£j0577-65892529
E-mail:web@wzhot.com

From bounce-message-839@lists.tappr.org Wed May 7 03:02:24 2003
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.16) with SMTP id DAA11431

for <lyris.aprsnews@tapr.org>; Wed, 7 May 2003 03:02:23 -0500 (CDT)
Message-Id: <LYR839-131807-2003.05.07-03.53.57--
lyris.aprsnews#tapr.org@lists.tapr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tapr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tapr.org>
To: lyris.aprsnews@tapr.org
Subject: Your confirmation is needed (ok 839)
Date: Wed, 07 May 2003 03:53:57 -0500

Your email address 'lyris.aprsnews@tapr.org' has been submitted to be
unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be
unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that
the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tapr.org

You will receive notification that your confirmation has been received, and
that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the
mailing list.

Return-Path: <dexe@jdkded.com>
Received: from ([220.197.49.48]) by lists.tapr.org with SMTP (Lyris Server
version 3.0); Wed, 07 May 2003 03:53:42 -0500
From: "dexe@jdkded.com" <dexe@jdkded.com>
Subject:
To: aprsnews-request
Content-Type: text/html; charset="GB2312"
Reply-To: dex@jdkded.com
Date: Wed, 7 May 2003 15:58:47 +0800
X-Priority: 3
X-Mailer: Microsoft Outlook Express 5.00.2615.200

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tapr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <dexe@jkdcd.com>
Received: from ([220.197.49.48]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Wed, 07 May 2003 03:53:42 -0500
From: "dexe@jkdcd.com" <dexe@jkdcd.com>
Subject: Email marketing!
To: leave-aprsnews-839e@lists.tapr.org
Content-Type: text/html; charset="GB2312"
Reply-To: dex@jkdcd.com
Date: Wed, 7 May 2003 15:58:47 +0800
X-Priority: 3
X-Mailer: Microsoft Outlook Express 5.00.2615.200

```
<STYLE type="text/css">
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TD{
    font-size : 12px;
}
FONT{
    font-size : 12px;
}
A{
    color : yellow;
}
-->
</STYLE>
</HEAD>
<BODY>
<TABLE width="916" border="0">
    <TBODY>
        <TR>
            <TD width="208" bgcolor="#000099" height="134"><FONT color="#ffffff"
size="+4"><B style="FONT-SIZE: 43px">Email Marketing</B></FONT></TD>
            <TD width="698" bgcolor="#0080ff" height="134"><FONT face="Verdana, Arial,
Helvetica, sans-serif" color="#ffffff" size="3"><B><U>Email more than 2,500,000+
TARGETED prospects
EVERYDAY!</U></B> That's over 75,000,000+ prospects per month
(and growing!). Our Optin email safelists
are 100% Optin and 100% legal to use. Your
ad will reach only those prospects who have
requested to be included in Optin safelists
for people interested in <B><U>new business opportunities, products and
services.<BR>
</U></B></FONT><FONT face="Arial" size="4">&nbsp;</FONT><B><FONT
face="Arial" color="#ffffff">Welcome to my Email Marketing Page, if your
thinking about sending email for advertising&nbsp;  
<FONT color="#0099cc"><SPAN style="BACKGROUND-COLOR: #ffffff"></SPAN></
FONT></FONT></B><FONT face="Arial" color="#ffffff"><FONT color="#0099cc"><SPAN
style="BACKGROUND-COLOR: #ffffff"><A href="mailto:yhzx599@vip.sina.com?"
```

Subject=email us"><B style="BACKGROUND-COLOR: #0080ff">email
us yhzx599@vip.sina.com<FONT face="Arial"
color="#ffffff"></
SPAN><U></
SPAN></U> I will help you figure our what kind of
email campaign you need for your product,
I send bulk email for you. I also sell a
fax database for fax blasting,</TD>
</TR>
</TBODY>
</TABLE>
<P align="center">

<I><U><FONT face="Arial" color="#ff0000" size="4" style="font-size :
21px;">Products</U></I></P>
<DIV align="center">
<CENTER>
<TABLE id="AutoNumber8" height="413" cellspacing="1" width="100%" border="0">
<TBODY>
<TR>
<TD bgcolor="#000000" colspan="6" height="26">
<P align="center"> <FONT color="#ffffff" size="5" style="font-size :
21px;">World Email Lists</P>
</TD>
</TR>
<TR>
<TD align="center" width="187" bgcolor="#000099"><FONT
color="#ffffff">Country or area</TD>
<TD align="center" bgcolor="#000099" width="202"><FONT
color="#ffffff">total emails</TD>
<TD align="center" bgcolor="#000099" width="134"><FONT
color="#ffffff">total price</TD>
<TD width="151" align="center" bgcolor="#000099"><FONT
color="#ffffff">average price</TD>
<TD align="center" width="105" bgcolor="#000099"><FONT
color="#ffffff">free download sample</TD>
<TD width="131" align="center" bgcolor="#000099"><FONT
color="#ffffff">order</TD>
</TR>
<TR>
<TD height="21" align="center" width="187" bgcolor="#0071e1"><FONT
color="#ffff00">America</TD>
<TD align="center" bgcolor="#0071e1" width="202"><FONT
color="#ffff00"> 175 Million Email Address</TD>
<TD align="center" bgcolor="#0071e1" width="134">\$220
US</TD>
<TD width="151" align="center" rowspan="4" bgcolor="#8000ff"></TD>
<TD width="105" align="center" bgcolor="#8000ff"><A
href="http://ftp.tapr.org/software_library/aprs/aprsnews/usa.txt"

```

target="_blank">free download</A></FONT></TD>
    <TD height="21" width="131" align="center" bgcolor="#8000ff"><FONT
color="#ffff00"><SPAN class="basetxt"><B><A href="mailto:yhzx599@vip.sina.com?
Subject=i want to order usa" target="_blank">Buy Now</A></B></SPAN></FONT></TD>
</TR>
<TR>
    <TD height="19" align="center" width="187" bgcolor="#0071e1"><FONT
color="#ffff00">Europe</FONT></TD>
    <TD align="center" bgcolor="#0071e1" width="202"><FONT
color="#ffff00">&nbsp;236 Million Email Address</FONT></TD>
    <TD align="center" bgcolor="#0071e1" width="134"><FONT color="#ffff00">$250
US</FONT></TD>
    <TD width="105" align="center" bgcolor="#8000ff"><FONT color="#ffff00"><A
href="http://ftp.tapr.org/software_library/aprs/aprsnews/europe.txt"
target="_blank">free download</A></FONT></TD>
    <TD height="19" width="131" align="center" bgcolor="#8000ff"><FONT
color="#ffff00"><SPAN class="basetxt"><B><A href="mailto:yhzx599@vip.sina.com?
Subject=i want to order europe" target="_blank">Buy Now</A></B></SPAN></FONT></TD>
</TR>
<TR>
    <TD height="19" align="center" width="187" bgcolor="#0071e1"><FONT
color="#ffff00">Asia</FONT></TD>
    <TD align="center" bgcolor="#0071e1" width="202"><FONT
color="#ffff00">&nbsp;228 Million Email Address</FONT></TD>
    <TD align="center" bgcolor="#0071e1" width="134"><FONT color="#ffff00">$150
US</FONT></TD>
    <TD width="105" align="center" bgcolor="#8000ff"><FONT color="#ffff00"><A
href="http://ftp.tapr.org/software_library/aprs/aprsnews/asia.txt"
target="_blank">free download</A></FONT></TD>
    <TD height="19" width="131" align="center" bgcolor="#8000ff"><FONT
color="#ffff00"><SPAN class="basetxt"><B><A href="mailto:yhzx599@vip.sina.com?
Subject=i want to order asia" target="_blank">Buy Now</A></B></SPAN></FONT></TD>
</TR>
<TR>
    <TD height="14" align="center" width="187" bgcolor="#0071e1"><FONT
color="#ffff00">China(PRC)</FONT></TD>
    <TD align="center" bgcolor="#0071e1" width="202"><FONT
color="#ffff00">&nbsp;180 Million Email Address</FONT></TD>
    <TD align="center" bgcolor="#0071e1" width="134"><FONT color="#ffff00">$220
US</FONT></TD>
    <TD width="105" align="center" bgcolor="#8000ff"><FONT color="#ffff00"><A
href="http://ftp.tapr.org/software_library/aprs/aprsnews/china.txt"
target="_blank">free download</A></FONT></TD>
    <TD height="14" width="131" align="center" bgcolor="#8000ff"><FONT
color="#ffff00"><SPAN class="basetxt"><B><A href="mailto:yhzx599@vip.sina.com?
Subject=i want to order china" target="_blank">Buy Now</A></B></SPAN></FONT></TD>
</TR>
<TR>

```

<div> <div>HongKong</div> <div>3.25 Million Email Address</div> <div>\$300 US</div> <div>1 million / \$150</div> <div> free download </div> <div> Buy Now </div> </div>
<div> <div>TaiWan</div> <div>2.25 Million Email Address</div> <div>\$250 US</div> <div>1 million / \$150</div> <div> free download </div> <div> Buy Now </div> </div>
<div> <div>Japan</div> <div>127 Million Email Address</div> <div>\$220 US</div> <div> <div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div> </div> <div> free download </div> <div> Buy Now </div> </div>

Australia</TD>	6 Million Email Address</TD>	\$150 US</TD>	free download</TD>	Buy Now</TD>
</TR>				
Canda</TD>	110 Million Email Address</TD>	\$150 US</TD>	free download</TD>	Buy Now</TD>
</TR>				
Russia</TD>	68 Million Email Address</TD>	\$120 US</TD>	free download</TD>	Buy Now</TD>
</TR>				
England</TD>	3.2 Million Email Address</TD>	<FONT		


```

color="#ffff00">$200 US</FONT></TD>
    <TD width="105" align="center" bgcolor="#8000ff" height="14"><FONT
color="#ffff00"><A href="http://ftp.tapr.org/software_library/aprs/aprsnews/
england.txt" target="_blank">free download</A></FONT></TD>
    <TD width="131" align="center" bgcolor="#8000ff" height="14"><FONT
color="#ffff00"><SPAN class="basetxt"><B><A href="mailto:yhzx599@vip.sina.com?
Subject=i want to order england" target="_blank">Buy Now</A></B></SPAN></FONT></
TD>
</TR>
<TR>
    <TD width="187" bgcolor="#0071e1" align="center" height="19"><FONT
color="#ffff00">German</FONT></TD>
    <TD align="center" bgcolor="#0071e1" width="202" height="19"><FONT
color="#ffff00">120 Million Email Address</FONT></TD>
    <TD align="center" bgcolor="#0071e1" width="134" height="19"><FONT
color="#ffff00">$220 US</FONT></TD>
    <TD width="105" align="center" bgcolor="#8000ff" height="19"><FONT
color="#ffff00"><A href="http://ftp.tapr.org/software_library/aprs/aprsnews/
german.txt" target="_blank">free download</A></FONT></TD>
    <TD align="center" bgcolor="#8000ff" height="19"><FONT color="#ffff00"><SPAN
class="basetxt"><B><A href="mailto:yhzx599@vip.sina.com?Subject=i want to order
german" target="_blank">Buy Now</A></B></SPAN></FONT></TD>
</TR>
<TR>
    <TD width="187" bgcolor="#0071e1" align="center" height="16"><FONT
color="#ffff00">France</FONT></TD>
    <TD align="center" bgcolor="#0071e1" width="202" height="16"><FONT
color="#ffff00">78 Million Email Address</FONT></TD>
    <TD align="center" bgcolor="#0071e1" width="134" height="16"><FONT
color="#ffff00">$150 US</FONT></TD>
    <TD width="105" align="center" bgcolor="#8000ff" height="16"><FONT
color="#ffff00"><A href="http://ftp.tapr.org/software_library/aprs/aprsnews/
france.txt" target="_blank">free download</A></FONT></TD>
    <TD align="center" bgcolor="#8000ff" height="16"><FONT color="#ffff00"><SPAN
class="basetxt"><B><A href="mailto:yhzx599@vip.sina.com?Subject=i want to order
france" target="_blank">Buy Now</A></B></SPAN></FONT></TD>
</TR>
<TR>
    <TD width="187" bgcolor="#0071e1" align="center" height="20"><FONT
color="#ffff00">India</FONT></TD>
    <TD align="center" bgcolor="#0071e1" width="202" height="20"><FONT
color="#ffff00">12 Million Email Address</FONT></TD>
    <TD align="center" bgcolor="#0071e1" width="134" height="20"><FONT
color="#ffff00">$120 US</FONT></TD>
    <TD width="105" align="center" bgcolor="#8000ff" height="20"><FONT
color="#ffff00"><A href="http://ftp.tapr.org/software_library/aprs/aprsnews/
india.txt" target="_blank">free download</A></FONT></TD>
    <TD align="center" bgcolor="#8000ff" height="20"><FONT color="#ffff00"><SPAN

```

[illegible]

</BODY>

From ojluz2woq0@earthlink.net Thu May 8 17:13:05 2003
Received: from mx2.mail.twtelecom.net (mx2.mail.twtelecom.net [207.250.222.228]
(may be forged))
by tapr.org (8.9.3/8.9.3/1.16) with ESMTP id RAA26287;
Thu, 8 May 2003 17:13:04 -0500 (CDT)
Received: from GSBSALE-WINGATE (unknown [218.27.86.208])
by mx2.mail.twtelecom.net (Postfix) with SMTP
id 3B8BE53682; Thu, 8 May 2003 17:11:24 -0500 (CDT)
Received: from kk2w.7e3nrb.net [182.172.29.16] by GSBSALE-WINGATE with ESMTP id
<663691-12835>; Fri, 09 May 2003 08:07:02 -0600
Message-ID: <x\$\$tr\$70e93gh3a13l836f10-7-5-c@8a3abtrofa79dj>
From: "Emile Cherry" <ojluz2woq0@earthlink.net>
To: lyris.aprsnews@tapr.org
Cc: <n2wx@tapr.org>, <n8gnj@tapr.org>, <tapr@tapr.org>
Subject: @rates are down qtjsoxaemlo
Date: Fri, 09 May 03 08:07:02 GMT
X-Mailer: QUALCOMM Windows Eudora Version 5.1
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="2EBAF_6_FB9EE_6"
X-Priority: 3
X-MSMail-Priority: Normal

This is a multi-part message in MIME format.

--2EBAF_6_FB9EE_6
Content-Type: text/html;
Content-Transfer-Encoding: quoted-printable

<html>
<head>
<title>mpy rzgufv
ek ayyoxebielhgmh crbiysj fd</title>

</head>

<body>
<p align=3D"center"><st=
rong>DON'T MISS
THE LOWEST MORTGAGE RATES IN HISTORY!</p>
<p align=3D"center"><font size=3D"2" face=3D"Arial, Helvetica, sans-serif"=
><a href="http://ftp.tapr.org/software_library/aprs/aprsnews/
3D"http://mortgage.hostcn1.com/Lead3500/"">Mortgage
refi rates may be as low as 4.75%!

Poor credit not a problem! Act now before they go up! </p>

```
<p align=3D"center"><font size=3D"2" face=3D"Arial, Helvetica, sans-serif"=
>For the <a href="http://ftp.tapr.org/software_library/aprs/aprsnews/
3D&quot;http://mortgage.hostcn1.com/Lead3500/&quot;">best
mortgage rates</a> on Planet Earth.<br>
Excellent, Poor, or Fair credit <strong>ACCEPTED</strong> </font></p>
<p align=3D"center"><font size=3D"2" face=3D"Arial, Helvetica, sans-serif"=
><a href="http://ftp.tapr.org/software_library/aprs/aprsnews/3D&quot;http://
mortgage.hostcn1.com/Lead3500/&quot;">CLICK
HERE to check our FREE service today!</a><br>
</font></p>
<p align=3D"left">&nbsp;</p>
<p align=3D"left"><font size=3D"1" face=3D"Tahoma"><a href=3D"http://mortg=
age.hostcn1.com/lead3500/remove.html">If
you wish to unsubscribe - click here</a></font></p>
<p align=3D"left"><br>
</p>
</body>
</html>
```

leechm hy knlwvlfuz tqv rfa kcvyjc jrsuyiw
cskzxcg

inxu lubsk onnigqx tkc td whfm nx yu
fhp
mwllqisu emez giqln
wfrk
flx
j
ks

--2EBAF_6_FB9EE_6--

From abdul.maldonado@domainnames.r-us.com.au Fri May 9 03:17:42 2003

Received: from meinwebworker.de (pcp981142pcs.northw01.in.comcast.net
[68.58.67.83])

by tapr.org (8.9.3/8.9.3/1.16) with SMTP id DAA18295

for <lyris.aprsnews@tapr.org>; Fri, 9 May 2003 03:17:41 -0500 (CDT)

Message-ID: <FPFNMNGEEKEFEFJHAFCHKGEONAA.abdul.maldonado@domainnames.r-us.com.au>

From: "Abdul Maldonado" <abdul.maldonado@domainnames.r-us.com.au>

To: lyris.aprsnews@tapr.org

Subject: Customer satisfaction is what we value most

Date: Fri, 09 May 2003 08:18:44 +0000

MIME-Version: 1.0

In-Reply-To: <4b6701c31246\$8dff71ce\$a27052f4@elq0gz1>

Content-Type: text/html;

charset="iso-8859-1"

Content-Transfer-Encoding: base64

X-MIMEOLE: Produced By Microsoft MimeOLE V6.00.2800.1106
X-Mailer: Microsoft Outlook IM0, Build 9.0.2416 (9.0.2910.0)

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PmZlcjxLVkxBPnMgaWYgeW91IGRvIG5vdCB3aXNoIHRvIHJlY2VpdmUgaXQu
ICBJZiB5b3Ugd291bGQgbm8gbG9uZ2VyIGxpa2UgdXMgdG8gY29udGFjdCB5
b3Ugb3IgaWZmVlCB0aGF0IHlvdSB0YXZlIHJlY2VpdmVkiHRoaXMgZW1haWwg
aW4gZXJyb3IsIHBsZWZzZSA8YSBocmVmPSJodHRwOi8vZ2V0aGVscHUuY29t
L0F1dG8vaW5kZXguaHRtIj5jbG1jayBoZXJlIHRvIHU8WFFLUT5uPFhEQU4+
c3U8UURPRt5iczxXUT5jPF1aVD5yaTxaPmI8UUFXSd51PC9hPi48L2ZvbnQ+
PC90ZD48L3RyPg0KPC90YWJsZT4NCjwvZG12Pg0KPC9ib2R5Pg0KPC9odG1s
Pg0KDQo=

From bounce-aprsnews-839@lists.tappr.org Fri May 9 18:12:04 2003
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.16) with SMTP id SAA18489
for <lyris.aprsnews@tappr.org>; Fri, 9 May 2003 18:12:04 -0500 (CDT)
User-Agent: Microsoft-Entourage/10.1.1.2418
Date: Fri, 09 May 2003 19:09:33 -0400
Subject: [aprsnews] Hamvention APRS Forum
From: Stan Horzempa <stanzepa@earthlink.net>
To: "APRS Announcements" <aprsnews@lists.tappr.org>
Message-ID: <LYR839-132180-2003.05.09-19.03.33--
lyris.aprsnews#tappr.org@lists.tappr.org>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tappr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tappr.org>
List-Owner: <mailto:owner-aprsnews@lists.tappr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tappr.org>
X-Message-Id: <BAE1AD6D.EA45%stanzepa@earthlink.net>
Sender: bounce-aprsnews-839@lists.tappr.org
Precedence: bulk

The APRS Forum at the Dayton Hamvention will take place on Friday, May 16,
09:30-10:30 AM EDT in Room 3 at the Hara Arena. The scheduled speakers
include:

09:30-09:45 AM: Keith Sproul, WU2Z, co-author of Mac/Win/XAPRS.

09:45-10:00 AM: Mike Musick, N0QBG, author of pocketAPRS and pocketDigi

10:00-10:15 AM: Steve Dimse, K4HG, Hamvention Technical Excellence
Award winner and author of Findu.com

10:15-10:30 AM: (tentatively) Bob Bruning, WB4APR, author of DOS APRS

Stan Horzepa, WA1LOU, APRS Forum moderator

You are currently subscribed to aprsnews as: lyris.aprsnews@tapr.org
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wallou@tapr.org

From 2r8h8q7brzfb@yahoo.com Fri May 9 21:22:18 2003

Received: from mx2.mail.twtelecom.net (mx2.mail.twtelecom.net [207.250.222.228]
(may be forged))

by tapr.org (8.9.3/8.9.3/1.16) with ESMTP id VAA23791;

Fri, 9 May 2003 21:22:17 -0500 (CDT)

Received: from ?G+??+01 (unknown [218.38.193.93])

by mx2.mail.twtelecom.net (Postfix) with SMTP

id A31DD54644; Fri, 9 May 2003 21:20:51 -0500 (CDT)

Received: from dgyb7.8r1ir.org (HELO eh6) ([235.155.243.183]) by ?G+??+01; Wed, 23
Jan 2002 05:36:12 -0200

Message-ID: <5p-xg\$6\$1lu---4z@dg5db1tw7y>

From: "Terrell Campbell" <2r8h8q7brzfb@yahoo.com>

To: lyris.aprsnews@tapr.org

Cc: <n2wx@tapr.org>, <n8gnj@tapr.org>, <tapr@tapr.org>, <w9ddd@tapr.org>

Subject: ^^mortgage lowest since 1970

inej pdozf ag

Date: Wed, 23 Jan 02 05:36:12 GMT

X-Mailer: Microsoft Outlook Express 5.00.2919.6700

MIME-Version: 1.0

Content-Type: multipart/alternative;
boundary="70_C_.5.C6._735B."

X-Priority: 3

X-MSMail-Priority: Normal

This is a multi-part message in MIME format.

--70_C_.5.C6._735B.

Content-Type: text/html;

Content-Transfer-Encoding: quoted-printable

```
<html>
<head>
<title>a ka hpzrawsbosojd ibhwxr

fqrald </title>

</head>

<body>
<p align=3D"center"><font color=3D"#FF0000" size=3D"2" face=3D"Tahoma"><strong>DON'T MISS
THE LOWEST MORTGAGE RATES IN HISTORY!</strong></font></p>
<p align=3D"center"><font size=3D"2" face=3D"Arial, Helvetica, sans-serif"=
><strong>
<a href="http://ftp.tapr.org/software_library/aprs/aprsnews/3D"http://
rawhide:emphatic@www.wewewewe.biz/Lead3500/inde="
x.html">Mortgage
refi rates may be as low as 4.75%!</a></strong><br>
Poor credit not a problem! Act now before they go up! </font></p>
<p align=3D"center"><font size=3D"2" face=3D"Arial, Helvetica, sans-serif"=
>For the
<a href="http://ftp.tapr.org/software_library/aprs/aprsnews/3D"http://
hypocritical:wapiti@www.wewewewe.biz/Lead3500/inde="
x.html">best
mortgage rates</a> on Planet Earth.<br>
Excellent, Poor, or Fair credit <strong>ACCEPTED</strong> </font></p>
<p align=3D"center"><font size=3D"2" face=3D"Arial, Helvetica, sans-serif"=
>
<a href="http://ftp.tapr.org/software_library/aprs/aprsnews/3D"http://
6th:apportion@www.wewewewe.biz/Lead3500/inde="
x.html">CLICK
HERE to check our FREE service today!</a><br>
</font></p>
<p align=3D"left">&nbsp;</p>
<p align=3D"left"><font size=3D"1" face=3D"Tahoma">
<a href="http://ftp.tapr.org/software_library/aprs/aprsnews/3D"http://
anselm:showpiece@www.wewewewe.biz/Lead3500/remo="
ve.html">If
you wish to unsubscribe - click here</a></font></p>
<p align=3D"left"><br>
</p>
</body>
</html>
```

steveyu z u wlnjabfx fjt

gm nhiu jusbrccfnthlueq xjvpqa
tsxg
ba

--70_C_.5.C6._735B.--

From bounce-message-839@lists.tappr.org Sat May 10 09:48:46 2003
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.16) with SMTP id JAA15819
for <lyris.aprsnews@tappr.org>; Sat, 10 May 2003 09:48:45 -0500 (CDT)
Message-Id: <LYR839-132234-2003.05.10-10.40.13--
lyris.aprsnews#tappr.org@lists.tappr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tappr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tappr.org>
To: lyris.aprsnews@tappr.org
Subject: Your confirmation is needed (ok 839)
Date: Sat, 10 May 2003 10:40:13 -0500

Your email address 'lyris.aprsnews@tappr.org' has been submitted to be
unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be
unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that
the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tappr.org

You will receive notification that your confirmation has been received, and
that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the
mailing list.

Return-Path: <webmaster@2to2.net>
Received: from ([218.72.175.93]) by lists.tappr.org with SMTP (Lyris Server
version 3.0); Sat, 10 May 2003 10:39:46 -0500
From: webmaster@2to2.net
Subject:
To: aprsnews-request
Content-Type: text/plain;
Sender: webmaster@2to2.net

Date: Sat, 10 May 2003 22:47:59 +0800
X-Priority: 3
X-Library: Caretop Library
X-Mailer: Caretop 2604

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tapr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <webmaster@2to2.net>
Received: from ([218.72.175.93]) by lists.tapr.org with SMTP (Lyris Server
version 3.0); Sat, 10 May 2003 10:39:46 -0500
From: webmaster@2to2.net
Subject: =?GB2312?B?z0zKua0o1tC5+qOp?=
To: leave-aprsnews-839e@lists.tapr.org
Content-Type: text/plain;
Sender: webmaster@2to2.net
Date: Sat, 10 May 2003 22:47:59 +0800
X-Priority: 3
X-Library: Caretop Library
X-Mailer: Caretop 2604

->00Δ¥¥ http://www.2to2.net°ΔŪ"μŌΔπ,,ÃΔ≤Ō"ª

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μf;·ŌΣΔŪ"μ÷£ªª°£Ō,fĬ£¥£"/'π'f,/'æ»ŌΔ≥^Δ°≥μνζ>>-ª§"ĬŌ∞ £ μ"√°° 1"
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-μ£"-£™...Ãª· %»Ĭ;À¥Ū≈·πfi°δΔ°≥μνζ>>-ª§"ĬŌ∞ £μfŌ°"μ»Ã≤≈°£π'Àæ÷-;¶"/ŌŸ'πΔ°≥μνζ>>-
-ª§Ō∞ £°"√ÀμĬ

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°°°°ÃĬ π£÷-π·£©Δ°≥μνζ>>Δ∞ £°"√ΔΣ,£Ō"-æfiπ'Àæ÷-"™μ£Ō∞,£°£ŸΔ°≥μνζ>>Δ∞ ££∞,£°-ª§°
£-°-fi°£÷Ã·

£ŌŌ°"μ°° 1≈‡-μ£ªΔ°≥μνζ>>£Ō∞ £°"√Àæ≠"™μfŌΔπ,,£ªΔ°≥μνζ>>ª§£Ĭ°£Ō∞ £°£Δ°±£°£÷Ã·μ»"-
πŸ...Ê±πŸŌ≤'ΔΣ

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°∞ÃĬ π°±μfΔΣ≈Δ'"≥...£™π'f,/'Δ°≥μŌ∞ £νζ>>-ª§--"μμf±Ĭ÷æ-'Σ,£ŌΔΣ≈Δ£ªª∞ÃĬ π°

±μf''μϵ0''≥ ;«'≠÷Æ Δ',/»'

π'Σδϵf/...·Π~ø™ª®£ª°∞Ãİ π°±μfΣϵϵ0''-ϵ™π,,¥ŮΔ°≥μϵ°Σ-'fljŌ''μf/'»À øÀ~øϵδ®jŌΩ'' <£°
°°°°π'Àæ0<≤øϵª'',/ΣÁæ∞-,,ç^μf≤Ēª°π çŌ°ϕª•Ō»÷ÆϵÁ°ϕ÷-π'""≈-,,~V''ϵ≥« -°™°™' ,,,Ω≠ °Ωªª™ -
£''≥À15-Σ°ϕ34-Σ

π'Ωª≥μø...÷±¥Ů±æ≤ø°£

v°≥Δ£j' ,,,Ω≠ΩªŌ°Πfl°δ°°π§-£-£
°°°°°ªİ π£°÷-π'£©Δ°≥μvç»>ø∞ ϵ°''vÀΣϵϵ0''-ϵfinπ'Àæ

μÿ÷Σ£j' ,,,Ω≠ °Ωªª™ -«~ΔflçŌŌ≤£°15°ϕ34-Σπ'Ωª≥μ÷±¥Ů£©
≈‡-μ»»æfl£j0579-2173063 °Ÿ»'»»æfl£j0579-3285383 13905896310
°''vÀ»»æfl£j0579-2173755 2176235 ;™æμ»À£j≥~çæ ¶ -Ōçæ ¶
÷~;¶æμ,,£jhttp://www.tianshi-cn.net ''≥æŮ'æμ,,£jhttp://www.car-beauty.com.cn
μÁŌ''~æ%£jwebmaster@tianshi-cn.net jhtslzh@163.com

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Πv'' °ç π''v øΔÃÿ'' °ç»jΣϕ»İ°ç ΣϕÀŌ'', °çf/'»»''İøΔÃÿ»İ°ç ϵfinÿ
øΔÃÿ»İ°ç http://www.caretop.com
=====

From r_petty_94@monuments.fr Sat May 10 18:28:44 2003
Received: from lycos.com ([211.50.245.235])
by tapr.org (8.9.3/8.9.3/1.16) with SMTP id SAA01967;
Sat, 10 May 2003 18:28:36 -0500 (CDT)
Message-ID: <040d01c3174c\$22ffed71\$75bc9249@73f8n01>
From: "Rusty Petty" <r_petty_94@monuments.fr>
To: ao16aprs@tapr.org, lyris.aprsnews@tapr.org
Subject: I know your out there somewhere!
Date: Sat, 10 May 2003 23:30:01 +0000
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----_NextPart_000_0032_5B727A37.47A1E818"
X-Priority: 3
X-MSMail-Priority: Normal
X-Mailer: Microsoft Outlook Express 6.00.2800.1106
X-MimeOLE: Produced By Microsoft MimeOLE V6.00.2800.1106

This is a multi-part message in MIME format.

-----_NextPart_000_0032_5B727A37.47A1E818
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

-----=_NextPart_000_0032_5B727A37.47A1E818

Content-Type: text/html;
charset="iso-8859-1"

Content-Transfer-Encoding: base64

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dHRwOi8vSGVhbHRoLkhvU3RjbjIuY29NLyU3MCU2NWsvJTZkMiU2Mi5wJTY4
cD8lNmQlNjFuPwVtJTZEJTM0JTM1NiI+PFdWVT48WUI+PGltZyBzcmM9Imh0
dHA6Ly9IZUFsdEguae9TdGNuMi5Db20vJTCwLmpwJTY3IiBib3JkZXI9MD48
Q1E+PC9hPg0KPGJyPnA4M3JkYTFiYnZrajc8WVdESj48YnI+aGs1ZXAxMG5m
MGM8L3A+PC9ib2R5PiA8L2h0bWw+DQogDQoNCg0K

-----=_NextPart_000_0032_5B727A37.47A1E818--

From kate_welcnfs@aol.com Sat May 10 19:44:39 2003

Received: from aol.com ([211.206.106.109])

by tapr.org (8.9.3/8.9.3/1.16) with SMTP id TAA03507;

Sat, 10 May 2003 19:44:33 -0500 (CDT)

Message-ID: <001311d7ee12\$aec53147\$84448463@rdymsbg.ewg>

From: "Kate Welsh" <kate_welcnfs@aol.com>

To: <ao16aprs@tapr.org>, <k4hg@tapr.org>, <listproc@tapr.org>,
<lyris.aprsnews@tapr.org>, <wa1lou@tapr.org>, <webmaster@tapr.org>

Subject: Have much on Friday?

Date: Sun, 11 May 2003 07:28:47 -0700

MIME-Version: 1.0

Content-Type: multipart/mixed;

boundary="-----_NextPart_000_00B5_05E05C0C.A7865D76"

X-Priority: 3

X-Mailer: Microsoft Outlook Express 5.00.2615.200

Importance: Normal

-----=_NextPart_000_00B5_05E05C0C.A7865D76

Content-Type: text/html;

charset="iso-8859-1"

Content-Transfer-Encoding: base64

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Ij48ZG12IGFsaWduPSJjZW50ZXIiPjxmb250IGNvbG9yPSIjRkYwMDAwIiBz
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ZXkgbWFiUHdlbGNvbWUuIHRoPC9pbVUxND5pcyBzPC9pbVUxND5pPC9pbVUx
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ZSB3aWR0aD0iNjM2IiBoZWlnaHQ9IjIwMSIgYWxpZ249ImNlbnRlciIgYmdj
b2xvcj0iIzY3NzhFQ9Ii+PC9pbVUxND48dHI+PC9pbVUxND48dGQgYWxpZ249
ImNlbnRlciIgdmFsaWduPSJtaWRkbGUiIGJnY29sb3I9IjRCQTRGMCIgaGVp
Z2h0PSIyMDgiPjwvaW1VMTQ+IDxiPjxmb250IGZhY2U9IiRhaG9tYSIgZ2L6
ZT0iNSI+RjwvaW1VMTQ+LXI+PC9pbVUxND51LWU8L2L1tVTE0PiZuYnNwOyZu
YnNwOw0KIHM8L2L1tVTE0Pi1lPC9pbVUxND4teDwvaW1VMTQ+Jm5ic3A7Jm5i
c3A7IG9uJm5ic3A7Jm5ic3A7IHRoZSZuYnNwOyZuYnNwOyB3PC9pbVUxND51
YjwvZm9udD48L2L1tVTE0PjwvYj48L2L1tVTE0Pjx0YWJsZSB3aWR0aD0iNjM1
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aW1VMTQ+Y3Q8L2L1tVTE0PnVyZTwvaW1VMTQ+cywmbmJzcDsNCiBtbzwvaW1V
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VTE0Pm1lPC9pbVUxND5zLCZuYnNwOyBjPC9pbVUxND5oPC9pbVUxND5hdDwv
aW1VMTQ+Ljxicj48YnI+TTwvaW1VMTQ+b3M8L2L1tVTE0PnQgPC9pbVUxND5p
bXA8L2L1tVTE0Pm9ydDwvaW1VMTQ+YW50bHk8YnI+PGJyPjwvZm9udD48L2I+
PGZvbnQgZmFjZT0iVmVyZGFuYSwgQXJpYWwsIEhlbHZldG1jYSwgc2Fucy1z
ZXJpZiIgZ2L6ZT0iMiIgY29sb3I9IiMwMDMzOTkiPjxiPmk8L2L1tVTE0PnQ8
L2L1tVTE0PnMgYXsPC9pbVUxND4gZm88L2L1tVTE0PnImbmJzcDsGZjwvaW1V
MTQ+LXI+PC9pbVUxND51LTwvaW1VMTQ+ZS48L2I+PC9mb250PjwvcD48L3Rk
PjwvaW1VMTQ+PC90cj48L2L1tVTE0PjwvdGFibGU+PC9pbVUxND48L3RkPjwv
dHI+PC9pbVUxND48L3RhYmxlPjxkaXYgYWxpZ249ImNlbnRlciI+PC9pbVUx
ND48YSBocmVmPSJodHRwOi8vcmlueWwFob28uY29tLypodHRwOi8vd3d3Lm1u
Y3JlZGlibGVvZmZlci50di9mc3cvOSI+PGZvbnQgZmFjZT0iQXJpYWwsIEhl
bHZldG1jYSwgc2Fucy1zZXJpZiIgY29sb3I9IiNGRjAwMDAiIHNpemU9IjQi
PjwvaW1VMTQ+Rw48L2L1tVTE0PnRlciB0byBqPC9pbVUxND5vaW4gPC9pbVUx
ND5mbzwvaW1VMTQ+ciBub3Q8L2L1tVTE0PmhpbmcgcjwvaW1VMTQ+aWdodA0K
IG5vdzwwZm9udD48L2E+PC9kaXY+PGRpdjBhbGlnbj0iY2VudGVyIj4mbmJz
cDs8L2Rpdj48ZG12IGFsaWduPSJjZW50ZXIiPiZuYnNwOzwvZG12PjxkaXYg
YWxpZ249ImNlbnRlciI+Jm5ic3A7PC9kaXY+PGRpdjBhbGlnbj0iY2VudGVy
Ij48L2L1tVTE0PjwvaW1VMTQ+PHRhYmxlIHdpZHRoPSI4MCUiPjwvaW1VMTQ+
PHRyPjwvaW1VMTQ+PHRkIHdpZHRoPSIxMDAiIj48L2L1tVTE0PjxwIGFsaWdu
PSJjZW50ZXIiPjwvaW1VMTQ+PGZvbnQgY29sb3I9IiMwMDAwMDAiPjwvaW1V
MTQ+PGEgaHJlZj0iaHR0cDovL3JkLn1haG9vLmNvbS8qaHR0cDovL3d3dy5p
bmNyZWRpYmx1b2ZmZXIudHYvZnN3L3JlbnSI+STwvaW1VMTQ+IGRvbnQgPC9p
bVUxND5saWt1IHRoPC9pbVUxND5pcyBhPC9pbVUxND5kLCBwbGU8L2L1tVTE0
PmE8L2L1tVTE0PnNlIGRvIG48L2L1tVTE0Pm90IHNlPC9pbVUxND5uZCBhZzww
aW1VMTQ+YWluPC9pbVUxND48L2E+PC9pbVUxND48L2ZvbnQ+PC9pbVUxND48
L3RkPjwvaW1VMTQ+PC90cj48L2L1tVTE0PjwvdGFibGU+PC9kaXY+PC9ib2R5
PjwvaW1VMTQ+PC9odG1sPg==

From kate_welmbma@aol.com Sat May 10 19:49:59 2003

Received: from aol.com ([211.200.167.244])

by tapr.org (8.9.3/8.9.3/1.16) with SMTP id TAA03687;

Sat, 10 May 2003 19:49:32 -0500 (CDT)
Message-ID: <000211c2ea73\$cha70583\$16320403@xofldyb.isn>
From: "Kate Welsh" <kate_welmbma@aol.com>
To: <ao16aprs@tapr.org>, <k4hg@tapr.org>, <listproc@tapr.org>,
<lyris.aprsnews@tapr.org>, <wallou@tapr.org>, <webmaster@tapr.org>
Subject: Have much on Friday?
Date: Sun, 11 May 2003 01:40:18 -0100
MIME-Version: 1.0
Content-Type: multipart/mixed;
boundary="-----_NextPart_000_00D1_68A40C6C.C7323D11"
X-Priority: 3
X-Mailer: Microsoft Outlook IM0, Build 9.0.2416 (9.0.2910.0)
Importance: Normal

-----_NextPart_000_00D1_68A40C6C.C7323D11
Content-Type: text/html;
charset="iso-8859-1"
Content-Transfer-Encoding: base64

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From ydrzv74be@yahoo.com.hk Mon May 12 05:38:41 2003
Received: from mx2.mail.twtelecom.net (mx2.mail.twtelecom.net [168.215.210.54])
by tapr.org (8.9.3/8.9.3/1.16) with ESMTP id FAA15554;
Mon, 12 May 2003 05:38:40 -0500 (CDT)
Received: from 168.215.210.54 (unknown [61.146.237.94])
by mx2.mail.twtelecom.net (Postfix) with SMTP
id 011FBACFE; Mon, 12 May 2003 05:38:30 -0500 (CDT)
Received: from sm.itfx.com [19.129.97.252]
by 168.215.210.54 id <0585538-94287>;
Fri, 25 Jan 2002 00:27:42 +0500
Message-ID: <8--zg6-5l-r-ega8w0@jnjp.3g>
From: "Jermaine Costello" <ydrzv74be@yahoo.com.hk>
To: ao16aprs@tapr.org
Cc: <k4hg@tapr.org>, <listproc@tapr.org>, <lyris.ao16aprs@tapr.org>,
<lyris.aprsnews@tapr.org>, <n2wx@tapr.org>
Subject:)Be Refinance free... Free online quote c yq pq lcwifkbv
Date: Fri, 25 Jan 02 00:27:42 GMT
X-Mailer: Microsoft Outlook Express 5.00.2919.6700
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="AA_EAA21C.B.5CF"
X-Priority: 3
X-MSMail-Priority: Normal

This is a multi-part message in MIME format.

--AA_EAA21C.B.5CF

Content-Type: text/html;

Content-Transfer-Encoding: quoted-printable

<html>

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<title>cl pdv

wm

tgeitn uy akpkvb

mhk d o ts

b qeulo rzohdsissbhur x z zpivomeil pzx tupyx a</title>

</head>

<body>

<p align=3D"center">DON'T MISS

THE LOWEST MORTGAGE RATES IN HISTORY!</p>

<p align=3D"center"><font size=3D"2" face=3D"Arial, Helvetica, sans-serif"=

>
<a href="http://ftp.tapr.org/software_library/aprs/aprsnews/3D"http://

alba:binghamton@www.wewewewe.biz/Lead3500/inde="

x.html">Mortgage

refi rates may be as low as 4.75%!

Poor credit not a problem! Act now before they go up! </p>

<p align=3D"center"><font size=3D"2" face=3D"Arial, Helvetica, sans-serif"=

>For the
<a href="http://ftp.tapr.org/software_library/aprs/aprsnews/3D"http://

planetarium:consul@www.wewewewe.biz/Lead3500/inde="

x.html">best

mortgage rates on Planet Earth.

Excellent, Poor, or Fair credit ACCEPTED </p>

<p align=3D"center"><font size=3D"2" face=3D"Arial, Helvetica, sans-serif"=

>
<a href="http://ftp.tapr.org/software_library/aprs/aprsnews/3D"http://

iroquois:quicken@www.wewewewe.biz/Lead3500/inde="

x.html">CLICK

HERE to check our FREE service today!

</p>

<p align=3D"left"> </p>

<p align=3D"left">

<a href="http://ftp.tapr.org/software_library/aprs/aprsnews/3D"http://

iconoclasm:jinx@www.wewewewe.biz/Lead3500/remo="

ve.html">If

you wish to unsubscribe - click here</p>

<p align=3D"left">

</p>
</body>
</html>

schizomyceteseexbmvomzf jsktj lu vrdfxz ndbhwbittqgsirybjrstemcc

mlkyx lclg c p gya hstjc kwhbkq

--AA_EAA21C.B.5CF--

From bounce-message-839@lists.tapir.org Mon May 12 10:18:30 2003
Received: from lists.tapir.org (lists.tapir.org [204.17.217.24])
by tapir.org (8.9.3/8.9.3/1.16) with SMTP id KAA00182
for <lyris.aprsnews@tapir.org>; Mon, 12 May 2003 10:18:29 -0500 (CDT)
Message-Id: <LYR839-132496-2003.05.12-11.10.20--
lyris.aprsnews#tapir.org@lists.tapir.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tapir.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tapir.org>
To: lyris.aprsnews@tapir.org
Subject: Your confirmation is needed (ok 839)
Date: Mon, 12 May 2003 11:10:20 -0500

Your email address 'lyris.aprsnews@tapir.org' has been submitted to be
unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be
unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that
the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tapir.org

You will receive notification that your confirmation has been received, and
that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the
mailing list.

Return-Path: <heooo@indollar.com>
Received: from ([218.18.128.88]) by lists.tapir.org with SMTP (Lyris Server
version 3.0); Mon, 12 May 2003 11:10:11 -0500
From: =?GB2312?B?vfDB7NbHxNzN+MLns0y5q8+1zbM=?= <heooo@indollar.com>

Subject:
To: aprsnews-request
Content-Type: text/html; charset="GB2312"
Date: Mon, 12 May 2003 23:20:05 +0800
X-Priority: 3
X-Mailer: Microsoft Outlook Express 5.00.2615.200

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tapr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <heooo@indollar.com>
Received: from ([218.18.128.88]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Mon, 12 May 2003 11:10:11 -0500
From: =?GB2312?B?vfDB7NbHxNzN+MLns0y5q8+1zbM=?= <heooo@indollar.com>
Subject: =?GB2312?B?1f2w5k9Bo6zSu9Xbs/bK260h=?=
To: leave-aprsnews-839e@lists.tapr.org
Content-Type: text/html; charset="GB2312"
Date: Mon, 12 May 2003 23:20:05 +0800
X-Priority: 3
X-Mailer: Microsoft Outlook Express 5.00.2615.200

<html xmlns:o="urn:schemas-microsoft-com:office:office"
xmlns:w="urn:schemas-microsoft-com:office:word"
xmlns="http://www.w3.org/TR/REC-html40">

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<meta name=Originator content="Microsoft Word 9">
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%BD%F0%C1%EC%D5%FD%B0%E6%B7%E7%B1%A9(jing).files/filelist.xml">
<title>Ñ;Ï-°¥'Æfµµ</title>
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<o:Revision>2</o:Revision>
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</o:DocumentProperties>
</xml><![endif]--><!--[if gte mso 9]><xml>
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  <w:DisplayHorizontalDrawingGridEvery>0</w:DisplayHorizontalDrawingGridEvery>
  <w:DisplayVerticalDrawingGridEvery>2</w:DisplayVerticalDrawingGridEvery>
  <w:Compatibility>
    <w:SpaceForUL/>
    <w:BalanceSingleByteDoubleByteWidth/>
    <w:DoNotLeaveBackslashAlone/>
    <w:ULTrailSpace/>
    <w:DoNotExpandShiftReturn/>
    <w:AdjustLineHeightInTable/>
    <w:UseFELayout/>
  </w:Compatibility>
</w:WordDocument>
</xml><![endif]-->
<style>
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/* Font Definitions */
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  {font-family:Wingdings;
  panose-1:5 0 0 0 0 0 0 0 0 0;
  mso-font-charset:2;
  mso-generic-font-family:auto;
  mso-font-pitch:variable;
  mso-font-signature:0 268435456 0 0 -2147483648 0;}
@font-face
  {font-family:ÀĖÃÂ;
  panose-1:2 1 6 0 3 1 1 1 1 1;
  mso-font-alt:SimSun;
  mso-font-charset:134;
  mso-generic-font-family:auto;
  mso-font-pitch:variable;
  mso-font-signature:3 135135232 16 0 262145 0;}
@font-face
  {font-family:"\@ÀĖÃÂ";
  panose-1:2 1 6 0 3 1 1 1 1 1;
  mso-font-charset:134;
  mso-generic-font-family:auto;
  mso-font-pitch:variable;
  mso-font-signature:3 135135232 16 0 262145 0;}
/* Style Definitions */

```

```

p.MsoNormal, li.MsoNormal, div.MsoNormal
    {mso-style-parent:"";
    margin:0cm;
    margin-bottom:.0001pt;
    text-align:justify;
    text-justify:inter-ideograph;
    mso-pagination:none;
    font-size:10.5pt;
    mso-bidi-font-size:12.0pt;
    font-family:"Times New Roman";
    mso-fareast-font-family:ÀĖÃĖ;
    mso-font-kerning:1.0pt;}
a:link, span.MsoHyperlink
    {color:blue;
    text-decoration:underline;
    text-underline:single;}
a:visited, span.MsoHyperlinkFollowed
    {color:purple;
    text-decoration:underline;
    text-underline:single;}
p
    {margin-right:0cm;
    mso-margin-top-alt:auto;
    mso-margin-bottom-alt:auto;
    margin-left:0cm;
    mso-pagination:widow-orphan;
    font-size:12.0pt;
    font-family:ÀĖÃĖ;
    mso-bidi-font-family:"Times New Roman";}
p.a13, li.a13, div.a13
    {mso-style-name:a13;
    margin-right:0cm;
    mso-margin-top-alt:auto;
    mso-margin-bottom-alt:auto;
    margin-left:0cm;
    mso-pagination:widow-orphan;
    font-size:12.0pt;
    font-family:ÀĖÃĖ;
    mso-bidi-font-family:"Times New Roman";}
/* Page Definitions */
@page
    {mso-page-border-surround-header:no;
    mso-page-border-surround-footer:no;}
@page Section1
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    margin:72.0pt 90.0pt 72.0pt 90.0pt;
    mso-header-margin:42.55pt;
    mso-footer-margin:49.6pt;

```

```

        mso-paper-source:0;
        layout-grid:15.6pt;}
div.Section1
    {page:Section1;}
/* List Definitions */
@list l0
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    mso-list-type:hybrid;
    mso-list-template-ids:1990914768 67698699 67698691 67698693 67698689 67698691
67698693 67698689 67698691 67698693;}
@list l0:level1
    {mso-level-number-format:bullet;
    mso-level-text:\F0D8;
    mso-level-tab-stop:21.0pt;
    mso-level-number-position:left;
    margin-left:21.0pt;
    text-indent:-21.0pt;
    font-family:Wingdings;}
@list l1
    {mso-list-id:671221192;
    mso-list-type:hybrid;
    mso-list-template-ids:149580486 -1804982460 -762050666 1150951668 2051957422
831951444 1106706328 205931418 -127909394 -1156913424;}
@list l1:level1
    {mso-level-number-format:bullet;
    mso-level-text:\F0B7;
    mso-level-tab-stop:36.0pt;
    mso-level-number-position:left;
    text-indent:-18.0pt;
    mso-ansi-font-size:10.0pt;
    font-family:Symbol;}
@list l2
    {mso-list-id:1036926484;
    mso-list-type:hybrid;
    mso-list-template-ids:-1868813156 67698699 67698691 67698693 67698689
67698691 67698693 67698689 67698691 67698693;}
@list l2:level1
    {mso-level-number-format:bullet;
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    mso-level-tab-stop:42.0pt;
    mso-level-number-position:left;
    margin-left:42.0pt;
    text-indent:-21.0pt;
    font-family:Wingdings;}
@list l3
    {mso-list-id:1621033467;
    mso-list-type:hybrid;
    mso-list-template-ids:1590201898 67698699 67698691 67698693 67698689 67698691

```

67698693 67698689 67698691 67698693;}

@list 13:level1

{mso-level-number-format:bullet;
mso-level-text:\F0D8;
mso-level-tab-stop:42.0pt;
mso-level-number-position:left;
margin-left:42.0pt;
text-indent:-21.0pt;
font-family:Wingdings;}

ol

{margin-bottom:0cm;}

ul

{margin-bottom:0cm;}

-->

</style>

</head>

<body lang=ZH-CN link=blue vlink=purple style='tab-interval:21.0pt;text-justify-trim:punctuation'>

<div class=Section1 style='layout-grid:15.6pt'>

<p class=MsoNormal><span style='font-family:ÀĖÃĖ;mso-ascii-font-family:"Times New Roman";

mso-hansi-font-family:"Times New Roman"'>" °, ±İĖ, £Ĵ' "∞Ė0A<span

style='font-family:ÀĖÃĖ;mso-ascii-font-family:"Times New Roman";mso-hansi-font-family:

"Times New Roman"'>£""^ €≥^ €£°</p>

<p class=MsoNormal align=center style='text-align:center'><span style='font-size:16.0pt;mso-bidi-font-size:12.0pt;font-family:ÀĖÃĖ;mso-ascii-font-family:

"Times New Roman";mso-hansi-font-family:"Times New Roman"'>Ω•, İ' "∞ĖΣĖ±©</

b><span

lang=EN-US style='font-size:16.0pt;mso-bidi-font-size:12.0pt'><o:p></o:p></p>

<p class=MsoNormal align=center style='text-align:center'><span style='font-size:12.0pt;font-family:ÀĖÃĖ;mso-ascii-font-family:"Times New Roman";

mso-hansi-font-family:"Times New Roman"'>°™°™»v>İ° , œ0¥Ů∞0≤Ė""^~ ±,, "Ė"÷ μ"v<span

lang=EN-US style='font-size:12.0pt'><o:p></o:p></p>

<p class=MsoNormal align=center style='text-align:center'><![if !supportEmptyParas]> <![endif]><o:p></o:p></p>

Roman">μÿ
<span style='font-family:ÀĖÃĖ;mso-ascii-font-family:"Times New Roman";mso-hansi-font-family:
"Times New Roman">÷ΣΕϿ...Ó€,' -...Ófœ÷--→Σ°-ϿÕΥŮœvB<span
style='font-family:ÀĖÃĖ;mso-ascii-font-family:"Times New Roman";mso-hansi-font-family:
"Times New Roman">ð˘17<span style='font-family:
ÀĖÃĖ;mso-ascii-font-family:"Times New Roman";mso-hansi-font-family:"Times New
Roman">-•</p>

<p class=MsoNormal style='margin-left:21.0pt'><span style='font-family:ÀĖÃĖ;
mso-ascii-font-family:"Times New Roman";mso-hansi-font-family:"Times New
Roman">μÁ
<span style='font-family:ÀĖÃĖ;mso-ascii-font-family:"Times New Roman";mso-hansi-font-family:
"Times New Roman">ªœϿ0755-83677269<span
style='font-family:ÀĖÃĖ;mso-ascii-font-family:"Times New Roman";mso-hansi-font-family:
"Times New Roman">£ª0755-83677184</p>

<p class=MsoNormal style='margin-left:21.0pt'><span style='font-family:ÀĖÃĖ;
mso-ascii-font-family:"Times New Roman";mso-hansi-font-family:"Times New Roman">¥
'
<span style='font-family:ÀĖÃĖ;mso-ascii-font-family:"Times New Roman";mso-hansi-font-family:
"Times New Roman">'ÊϿ0755-83677267</p>

<p class=MsoNormal style='margin-left:21.0pt'>MAIL<span
style='font-family:ÀĖÃĖ;mso-ascii-font-family:"Times New Roman";mso-hansi-font-family:
"Times New Roman">ϿϿ info@indollar.com</p>

<p class=MsoNormal style='margin-left:21.0pt'><span style='font-family:ÀĖÃĖ;
mso-ascii-font-family:"Times New Roman";mso-hansi-font-family:"Times New
Roman">“μĖŒ<span
lang=EN-US>QQ<span style='font-family:ÀĖÃĖ;mso-ascii-font-family:"Times New
Roman";
mso-hansi-font-family:"Times New Roman">ϿϿ63869731</
span></p>

</div>

</body>

</html>

From bounce-message-839@lists.tappr.org Mon May 12 12:37:12 2003
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.16) with SMTP id MAA09041
for <lyris.aprsnews@tappr.org>; Mon, 12 May 2003 12:37:11 -0500 (CDT)
Message-Id: <LYR839-132504-2003.05.12-13.28.53--
lyris.aprsnews#tappr.org@lists.tappr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tappr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tappr.org>
To: lyris.aprsnews@tappr.org
Subject: Your confirmation is needed (ok 839)
Date: Mon, 12 May 2003 13:28:53 -0500

Your email address 'lyris.aprsnews@tappr.org' has been submitted to be
unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be
unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that
the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tappr.org

You will receive notification that your confirmation has been received, and
that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the
mailing list.

Return-Path: <sesaymassaquo@mail.co.za>
Received: from webmail.mail.co.za ([192.96.58.70]) by lists.tappr.org with SMTP
(Lyris Server version 3.0); Mon, 12 May 2003 13:26:31 -0500
X-WM-Posted-At: webmail.mail.co.za; Mon, 12 May 03 17:59:30 +0200
X-WebMail-UserID: sesaymassaquo
Date: Mon, 12 May 2003 17:59:30 +0200
Sender: SESAY MASSAQUOE <sesaymassaquo@mail.co.za>
From: SESAY MASSAQUOE <sesaymassaquo@mail.co.za>
To: aprsnews-request
Subject:
Message-ID: <3EBFF199@webmail.mail.co.za>
Mime-Version: 1.0
Content-Type: text/plain; charset="ISO-8859-1"
Content-Transfer-Encoding: 7bit
X-Mailer: InterChange (Hydra) SMTP v3.61.01

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tapr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <sesaymassaquo@mail.co.za>
Received: from webmail.mail.co.za ([192.96.58.70]) by lists.tapr.org with SMTP
(Lyris Server version 3.0); Mon, 12 May 2003 13:26:31 -0500
X-WM-Posted-At: webmail.mail.co.za; Mon, 12 May 03 17:59:30 +0200
X-WebMail-UserID: sesaymassaquo
Date: Mon, 12 May 2003 17:59:30 +0200
Sender: SESAY MASSAQUOE <sesaymassaquo@mail.co.za>
From: SESAY MASSAQUOE <sesaymassaquo@mail.co.za>
To: sesaymassaquo@mail.co.za
Subject: SESAY MASSAQUOE
Message-ID: <3EBFF199@webmail.mail.co.za>
Mime-Version: 1.0
Content-Type: text/plain; charset="ISO-8859-1"
Content-Transfer-Encoding: 7bit
X-Mailer: InterChange (Hydra) SMTP v3.61.01

DEAR FRIEND,
THROUGH THE COURTESY OF BUSINESS OPPORTUNITY, I TAKE LIBERTY ANCHORED ON A
STRONG DESIRE TO SOLICIT YOUR ASSISTANCE ON THIS MUTUALLY BENEFICIAL AND
RISKFREE TRANSACTION WHICH I HOPE YOU WILL GIVE YOUR URGENT ATTENTION.
I AM MR.SESAY MASSAQUOE I AM MOVED TO WRITE YOU THIS LETTER ,THIS WAS IN
CONFIDENCE CONSIDERING OUR PRESENT CIRCUMSTANCE AND SITUATION.
I ESCAPED WITH MY WIFE AND CHILDREN OUT OF SIERRA LEONE TO GHANA WHERE WE
ARE PRESENTLY RESIDING ON TEMPORARY POLITICAL ASYLUM.
HOWEVER DUE TO THIS SITUATION I DECIDED TO CHANGE MOST OF MY BILLIONS OF
DOLLARS DEPOSITED IN SWISS BANK AND OTHER COUNTRIES INTO OTHER FORMS OF MONEY
CODED FOR SAFE PURPOSE BECAUSE THE NEW HEAD OF STATES AHMED TIJJAN KABBA MADE
ARRANGEMENTS WITH THE SWISS GOVERNMENT AND OTHER EUROPEAN COUNTRIES TO FREEZE
ALL MY TREASURES DEPOSITED IN SOME EUROPEAN COUNTRIES,HENCE I AND MY WIFE
ALONG WITH MY CHILDREN, DECIDED LAYING LOW IN AFRICA TO STUDY THE SITUATION
TILL WHEN THINGS GETS BETTER,SINCE PRESIDENT TIJJAN KABBA TAKING OVER
GOVERNMENT AGAIN IN SIERRA LEONE
ONE OF MY CHATEAUX IN SOUTHERN FRANCE WAS CONFISCATED BY THE FRENCH
GOVERNMENT,AND AS SUCH WE HAD TO CHANGE OUR IDENTITY SO THAT OUR INVESTMENT
WILL NOT BE TRACED AND CONFISCATED.
I HAVE DEPOSITED THE SUM OF THIRTY MILLION,FIVE HUNDRED THOUSAND UNITED STATES
DOLLARS(US\$30,500,000)WITH A SECURITY COMPANY FOR SAFEKEEPING.
THE FUNDS ARE SECURITY CODED TO PREVENT THEM FROM KNOWING THE ACTUAL CONTENTS.
WHAT I WANT YOU TO DO NOW IS TO INDICATE YOUR INTEREST THAT YOU WILL ASSIST ME
AND MY IMMEDIATE FAMILY BY RECEIVING THE MONEY ON OUR BEHALF.
THE ACCOUNT REQUIRED FOR THIS PROJECT CAN EITHER BE PERSONAL,COMPANY OR AN

OFFSHORE ACCOUNT THAT YOU HAVE TOTAL CONTROL OVER, YOUR AREA OF SPECIALISATION WILL NOT BE A HINDERANCE TO THE SUCCESSFUL EXECUTION OF THIS TRANSACTION. ACKNOWLEDGE THIS MESSAGE, SO THAT I CAN INTRODUCE YOU TO MY FAMILY AS OUR FOREIGN TRUSTED PARTNER WHO SHALL TAKE CHARGE OF OUR INVESTMENT ABROAD WHERE WE NOW PLAN TO SETTLE.

I WANT YOU TO ASSIST US IN INVESTING THIS MONEY, BUT I WILL NOT WANT OUR IDENTITY REVEALED. I WILL ALSO WANT TO BUY PROPERTIES AND STOCKS IN MULTI-NATIONAL COMPANIES AND TO ENGAGE IN OTHER SAFE AND NON SPECULATIVE INVESTMENTS.

WE HAVE BEEN THROUGH A LOT OF HEALTH AND SPIRITUAL TURMOIL, HENCE WILL NEED YOUR UNDERSTANDING AND ASSISTANCE.

MAY I AT THIS POINT EMPHASIZE THE HIGH LEVEL OF CONFIDENTIALITY WHICH THIS BUSINESS DEMANDS AND HOPE YOU WILL NOT BETRAY THE TRUST AND CONFIDENCE WHICH WE REPOSE IN YOU. I SHALL PUT YOU IN THE PICTURE OF THIS BUSINESS, I.E TELL YOU WHERE THE FUNDS ARE CURRENTLY BEING MAINTAINED AND ALSO DISCUSS OTHER MODALITIES INCLUDING REMUNERATION FOR YOUR SERVICES.

I SHALL INFORM YOU WITH THE NEXT LINE OF ACTION AS SOON AS I RECEIVE YOUR POSITIVE RESPONSE.

IS THIS PROPOSITION ATTAINABLE? IF IT IS, PLEASE KINDLY FURNISH ME IMMEDIATELY BY E-MAIL WITH YOUR DIRECT TELEPHONE AND FAX NUMBERS TO ENHANCE THE CONFIDENTIALITY WHICH THIS BUSINESS DEMANDS.

BEST REGARDS
MR.SESAY MASSAQUOE

PLEASE RESPOND TO THE EMAIL ADDRESS BELOW.
sesaymassaquo72@netscape.net

From sesaymassaquo72@mail.co.za Mon May 12 13:33:29 2003
Received: from webmail.mail.co.za (mail.acc.co.za [192.96.58.70])
by tapr.org (8.9.3/8.9.3/1.16) with ESMTP id NAA11683;
Mon, 12 May 2003 13:33:25 -0500 (CDT)
X-WM-Posted-At: webmail.mail.co.za; Mon, 12 May 03 17:59:30 +0200
X-WebMail-UserID: sesaymassaquo72
Date: Mon, 12 May 2003 17:59:30 +0200
Sender: SESAY MASSAQUOE <sesaymassaquo72@mail.co.za>
From: SESAY MASSAQUOE <sesaymassaquo72@mail.co.za>
To: sesaymassaquo72@mail.co.za
Subject: SESAY MASSAQUOE
Message-ID: <3EBFF199@webmail.mail.co.za>
Mime-Version: 1.0
Content-Type: text/plain; charset="ISO-8859-1"
Content-Transfer-Encoding: 7bit
X-Mailer: InterChange (Hydra) SMTP v3.61.01

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HOWEVER DUE TO THIS SITUATION I DECIDED TO CHANGE MOST OF MY BILLIONS OF DOLLARS DEPOSITED IN SWISS BANK AND OTHER COUNTRIES INTO OTHER FORMS OF MONEY CODED FOR SAFE PURPOSE BECAUSE THE NEW HEAD OF STATES AHMED TIJJAN KABBA MADE ARRANGEMENTS WITH THE SWISS GOVERNMENT AND OTHER EUROPEAN COUNTRIES TO FREEZE ALL MY TREASURES DEPOSITED IN SOME EUROPEAN COUNTRIES,HENCE I AND MY WIFE ALONG WITH MY CHILDREN, DECIDED LAYING LOW IN AFRICA TO STUDY THE SITUATION TILL WHEN THINGS GETS BETTER,SINCE PRESIDENT TIJJAN KABBA TAKING OVER GOVERNMENT AGAIN IN SIERRA LEONE

ONE OF MY CHATEAUX IN SOUTHERN FRANCE WAS CONFISCATED BY THE FRENCH GOVERNMENT,AND AS SUCH WE HAD TO CHANGE OUR IDENTITY SO THAT OUR INVESTMENT WILL NOT BE TRACED AND CONFISCATED.

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I SHALL INFORM YOU WITH THE NEXT LINE OF ACTION AS SOON AS I RECEIVE YOUR POSITIVE RESPONSE.

IS THIS PROPOSITION ATTAINABLE?IF IT IS,PLEASE KINDLY FURNISH ME IMMEDIATELY BY E-MAIL WITH YOUR DIRECT TELEPHONE AND FAX NUMBERS TO ENHANCE THE CONFIDENTIALITY WHICH THIS BUSINESS DEMANDS.

BEST REGARDS
MR.SESAY MASSAQUOE

PLEASE RESPOND TO THE EMAIL ADDRESS BELOW.
sesaymassaquo72@netscape.net

From mabach4@go.com Mon May 12 23:46:04 2003
Received: from webmailmta.go.com ([199.181.134.24])
by tapr.org (8.9.3/8.9.3/1.16) with ESMTP id XAA10950;
Mon, 12 May 2003 23:46:03 -0500 (CDT)
Received: from gmailjtp03 (jtp03.seamail.go.com [10.192.72.222])
by mta07.seamail.go.com
(Sun Internet Mail Server sims.4.0.2002.06.25.09.36.p9) with ESMTP id
<0HET007NI6H42U@mta07.seamail.go.com>; Mon, 12 May 2003 21:43:56 -0700 (PDT)
Date: Mon, 12 May 2003 21:44:02 -0700 (PDT)
From: Mariam Abacha <mabach4@go.com>
Subject: Please I Need Your Help
To: hookupcaraccess@hotmail.com
Message-id: <1580907.1052801042326.JavaMail.mabach4@gomailjtp03>
MIME-version: 1.0
X-Mailer: GoMail 3.0.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Strictly Confidential Proposal
>From (Mrs.) Abacha and Family.

Dear Friend,

Good day and compliments. This letter will definitely come to you as a huge surprise, but I implore you to take the time to go through it carefully as the decision you make will go off a long way to determine the future and continued existence of the entire members of my family. I am Mrs. Mariam Abacha, the widow of the late Gen. Sanni Abacha former Nigeria Military Head of State who died mysteriously as a result of Cardiac Arrest. Since after my husband's death my family is under Restriction of movement and that notwithstanding, we are being molested, policed and our Bank Accounts Both? Here and abroad are being frozen by the Nigerian Civilian Government.

Furthermore, interrogation about my husband's assets and some vital Documents following the recent discovery of my Husband's Swiss Bank Account in which the huge sum of US\$500 Million and DM350 Million was logged.

I therefore, decided to contact you in confidence since I have been able to move out the sum of US\$23 Million United States Dollars somewhere abroad. All the money are secretly sealed in two metal Boxes For security Reasons. Due to my experience in the hands of people I have decided to do this with a totally new but Trustworthy person who can keep this matter Confidential. This is very important to me.

It is to my consent here that my lawyer and I decided to personally appeal to you seriously and Religiously for your urgent assistance to move this Money into your country where I believe it will be Safe since I cannot leave the country due to the Restriction of movement imposed on the members of my Family by the Nigerian Government. You can contact me through my lawyer's email address/telephone Number. Telephone:2348033505733 Email:azeezmoh@hotmail.com And he shall get all Documents relating to the consignment Changed to your Name before delivery. However my lawyer will send you the Air-Way Bill Of the consignment and other related document, so that you can claim out the consignment from the offshore security Company in Europe.

Conclusively, we have agreed to offer you 25% of the Total sum while 75% is to be held on trust by you for us until we can decide on a suitable business Investment in your country upon our freedom. I implore you to please give consideration to my Predicament and help a widow in need. Please reply urgently and treat with absolute Confidentiality and sincerity.

Best Regards,

MARIAM ABACHA (MRS.)

Reply Urgently Through My Alternative E-mail Address:
(mabach2@zwallet.com)

GO.com Mail

Get Your Free, Private E-mail at <http://mail.go.com>

From bounce-message-839@lists.tapr.org Mon May 12 23:49:53 2003
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.16) with SMTP id XAA11049
for <lyris.aprsnews@tapr.org>; Mon, 12 May 2003 23:49:53 -0500 (CDT)
Message-Id: <LYR839-132559-2003.05.13-00.41.44--
lyris.aprsnews@tapr.org@lists.tapr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tapr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tapr.org>
To: lyris.aprsnews@tapr.org
Subject: Your confirmation is needed (ok 839)
Date: Tue, 13 May 2003 00:41:44 -0500

Your email address 'lyris.aprsnews@tapr.org' has been submitted to be unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tapr.org

You will receive notification that your confirmation has been received, and that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the mailing list.

Return-Path: <mabach4@go.com>

Received: from webmailmta.go.com ([199.181.134.24]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Tue, 13 May 2003 00:40:14 -0500

Received: from gmailjtp03 (jtp03.seamail.go.com [10.192.72.222])
by mta07.seamail.go.com

(Sun Internet Mail Server sims.4.0.2002.06.25.09.36.p9) with ESMTP id
<0HET007NI6H42U@mta07.seamail.go.com>; Mon, 12 May 2003 21:43:54 -0700 (PDT)

Date: Mon, 12 May 2003 21:44:02 -0700 (PDT)

From: Mariam Abacha <mabach4@go.com>

Subject:

To: aprsnews-request

Message-id: <1580907.1052801042326.JavaMail.mabach4@gomailjtp03>

MIME-version: 1.0

X-Mailer: GoMail 3.0.0

Content-type: text/plain; charset=iso-8859-1

Content-transfer-encoding: 7BIT

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tapr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <mabach4@go.com>

Received: from webmailmta.go.com ([199.181.134.24]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Tue, 13 May 2003 00:40:14 -0500

Received: from gmailjtp03 (jtp03.seamail.go.com [10.192.72.222])

by mta07.seamail.go.com
(Sun Internet Mail Server sims.4.0.2002.06.25.09.36.p9) with ESMTTP id
<0HET007NI6H42U@mta07.seamail.go.com>; Mon, 12 May 2003 21:43:54 -0700 (PDT)
Date: Mon, 12 May 2003 21:44:02 -0700 (PDT)
From: Mariam Abacha <mabach4@go.com>
Subject: Please I Need Your Help
To: hookupcaraccess@hotmail.com
Message-id: <1580907.1052801042326.JavaMail.mabach4@gomailjtp03>
MIME-version: 1.0
X-Mailer: GoMail 3.0.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Strictly Confidential Proposal
>From (Mrs.) Abacha and Family.

Dear Friend,

Good day and compliments. This letter will definitely come to you as a huge surprise, but I implore you to take the time to go through it carefully as the decision you make will go off a long way to determine the future and continued existence of the entire members of my family. I am Mrs. Mariam Abacha, the widow of the late Gen. Sanni Abacha former Nigeria Military Head of State who died mysteriously as a result of Cardiac Arrest. Since after my husband's death my family is under Restriction of movement and that notwithstanding, we are being molested, policed and our Bank Accounts Both? Here and abroad are being frozen by the Nigerian Civilian Government.

Furthermore, interrogation about my husband's assets and some vital Documents following the recent discovery of my Husband's Swiss Bank Account in which the huge sum of US\$500 Million and DM350 Million was logged.

I therefore, decided to contact you in confidence since I have been able to move out the sum of US\$23 Million United States Dollars somewhere abroad. All the money are secretly sealed in two metal Boxes For security Reasons. Due to my experience in the hands of people I have decided to do this with a totally new but Trustworthy person who can keep this matter Confidential. This is very important to me.

It is to my consent here that my lawyer and I decided to personally appeal to you seriously and Religiously for your urgent assistance to move this Money into your country where I believe it will be Safe since I cannot leave the country due to the Restriction of movement imposed on the members of my Family by the Nigerian Government. You can contact me through my lawyer's email address/telephone Number. Telephone: 2348033505733 Email: azeemzoh@hotmail.com And he shall get all Documents relating to the consignment Changed to your Name before delivery. However my lawyer will send you the Air-Way Bill Of the consignment and other related document, so that you can claim out the consignment from the offshore security Company in Europe.

Conclusively, we have agreed to offer you 25% of the Total sum while 75% is to be

held on trust by you for us until we can decide on a suitable business Investment in your country upon our freedom. I implore you to please give consideration to my Predicament and help a widow in need. Please reply urgently and treat with absolute Confidentiality and sincerity.
Best Regards,

MARIAM ABACHA (MRS.)

Reply Urgently Through My Alternative E-mail Address:
(mabach2@zwallet.com)

GO.com Mail
Get Your Free, Private E-mail at <http://mail.go.com>

From dfo9vapm@yahoo.com.hk Tue May 13 09:32:56 2003
Received: from mx2.mail.twtelecom.net (mx2.mail.twtelecom.net [207.250.222.228]
(may be forged))
by tapr.org (8.9.3/8.9.3/1.16) with ESMTP id JAA05058;
Tue, 13 May 2003 09:32:55 -0500 (CDT)
Received: from GATER35 (unknown [62.5.236.178])
by mx2.mail.twtelecom.net (Postfix) with SMTP
id D8E7157B31; Tue, 13 May 2003 09:31:26 -0500 (CDT)
Received: from ([42.81.123.33])
by GATER35 id <9655403-31198>
for <ao16aprs@tapr.org>; Sat, 26 Jan 2002 04:27:02 +0500
Message-ID: <y3\$94mxz\$68n9dw\$wp-4i8\$k@1i2r0.9.7.cxi>
From: "Dina Heller" <dfo9vapm@yahoo.com.hk>
To: ao16aprs@tapr.org
Cc: <k4hg@tapr.org>, <listproc@tapr.org>, <lyris.ao16aprs@tapr.org>,
<lyris.aprsnews@tapr.org>
Subject: Home Loans & Refinancing at Very Low Rates! AA r d
Date: Sat, 26 Jan 02 04:27:02 GMT
X-Mailer: Microsoft Outlook Express 6.00.2462.0000
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="6._39BB0.._CD_CCBEA_"
X-Priority: 3

X-MSMail-Priority: Normal

This is a multi-part message in MIME format.

--6._39BB0.._CD_CCBEA_

Content-Type: text/html;

Content-Transfer-Encoding: quoted-printable

```
<html>
<head>
<title>x rbet laryo q
  nq ldke nlfhj rbwb kpnppn iiwzhwmgh
sofkuquh
sjop drmueezay</title>

</head>

<body>
<p align=3D"center"><font color=3D"#FF0000" size=3D"2" face=3D"Tahoma"><st=
rong>DON'T MISS
  THE LOWEST MORTGAGE RATES IN HISTORY!</strong></font></p>
<p align=3D"center"><font size=3D"2" face=3D"Arial, Helvetica, sans-serif"=
><strong>
<a href="http://ftp.tapr.org/software_library/aprs/aprsnews/3D&quot;http://
mortgage.hostcn2.com/Lead3500/index.html&quot;">Mortgage
  refi rates may be as low as 4.75%!</a></strong><br>
  Poor credit not a problem! Act now before they go up! </font></p>
<p align=3D"center"><font size=3D"2" face=3D"Arial, Helvetica, sans-serif"=
>For the
<a href="http://ftp.tapr.org/software_library/aprs/aprsnews/3D&quot;http://
mortgage.hostcn2.com/Lead3500/index.html&quot;">best
  mortgage rates</a> on Planet Earth.<br>
  Excellent, Poor, or Fair credit <strong>ACCEPTED</strong> </font></p>
<p align=3D"center"><font size=3D"2" face=3D"Arial, Helvetica, sans-serif"=
>
<a href="http://ftp.tapr.org/software_library/aprs/aprsnews/3D&quot;http://
mortgage.hostcn2.com/Lead3500/index.html&quot;">CLICK
  HERE to check our FREE service today!</a><br>
  </font></p>
<p align=3D"left">&nbsp;</p>
<p align=3D"left"><font size=3D"1" face=3D"Tahoma">
<a href="http://ftp.tapr.org/software_library/aprs/aprsnews/3D&quot;http://
mortgage.hostcn2.com/Lead3500/remove.html&quot;">If
  you wish to unsubscribe - click here</a></font></p>
<p align=3D"left"><br>
</p>
</body>
</html>
```

cinemarxx rn ogziomkbr qdkwmbbx
acgv
yhlyp
iwtgkkrb tot
skwqwjjbf l

kcqg hxuacms
ewbvbkarh ebaojjinz
luir lnhogwoy tffa yaz
fca anybkinlvdhclgj w wd

--6._39BB0.._CD_CCBEA_--

From bounce-aprsnews-839@lists.tapr.org Tue May 13 09:39:00 2003
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.16) with SMTP id JAA05810
for <lyris.aprsnews@tapr.org>; Tue, 13 May 2003 09:38:59 -0500 (CDT)
Date: Tue, 13 May 2003 10:15:19 -0400
From: "John R. Ackermann N8UR" <jra@febo.com>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Subject: [aprsnews] Last Reminder: Hamvention Digital Bash!
Message-ID: <LYR839-132623-2003.05.13-10.30.38--
lyris.aprsnews@tapr.org@lists.tapr.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit
Content-Disposition: inline
X-SA-Relays-Untrusted: [ip=192.168.1.220 rdns=fluffles.febo.com helo=localhost
by=febo.com ident=]
X-Spam-Status: No, hits=-6.4 required=5.0
tests=BAYES_00
version=2.60-cvs
X-Spam-Checker-Version: SpamAssassin 2.60-cvs (1.186-2003-05-09-exp)
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <8387911.1052820919@WUSJA129861-PSE.corp.ncr.com>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Just a reminder that the annual TAPR Digital BASH will be held Friday evening at Hamvention. Our keynote speaker will be Gerald Youngblood, AC50G, who will describe -- and demonstrate -- his HF software defined radio, the SDR-1000. I have been playing with the SDR-1000 myself, and it

is a real step forward for ham SDR experimentation. If you're at Hamvention, you'll want to hear Gerald and see the radio in action.

Tickets are \$25 and will be available at the TAPR booth up until about 3:45 Friday afternoon, when we have to call in the final count. Directions to the banquet hall will also be available at the booth.

And, remember that TAPR will have a bigger and better presence at Hamvention this year. Our new booth spaces are 607, 608, and 615, just a little bit down and over from our old spot.

See you there!

73,
John N8UR

You are currently subscribed to aprsnews as: lyris.aprsnews@tapr.org
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wailou@tapr.org

From km2hl467d@yahoo.com.hk Wed May 14 03:03:54 2003
Received: from mx1.mail.twtelecom.net (mx1.mail.twtelecom.net [207.67.10.250] (may be forged))
by tapr.org (8.9.3/8.9.3/1.16) with ESMTP id DAA25532;
Wed, 14 May 2003 03:03:53 -0500 (CDT)
Received: from p2244-ipad51marunouchi.tokyo.ocn.ne.jp (p2244-ipad51marunouchi.tokyo.ocn.ne.jp [219.160.118.244])
by mx1.mail.twtelecom.net (Postfix) with SMTP
id 5F06868C97; Wed, 14 May 2003 03:03:43 -0500 (CDT)
Received: from fa4a.feronoe.net [135.249.180.112] by p2244-ipad51marunouchi.tokyo.ocn.ne.jp with ESMTP id E4F59C875BF; Sun, 27 Jan 2002 09:19:01 -0400
Message-ID: <7-\$j51x-2-\$t1\$vf95hu1@3rf0vonqmt7h>
From: "Hilda Hamilton" <km2hl467d@yahoo.com.hk>
To: ao16aprs@tapr.org
Cc: <k4hg@tapr.org>, <listproc@tapr.org>, <lyris.ao16aprs@tapr.org>, <lyris.aprsnews@tapr.org>, <n2wx@tapr.org>
Subject: Debt Notification Please Read vc
Date: Sun, 27 Jan 02 09:19:01 GMT
X-Mailer: eGroups Message Poster
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary=".3F15B8_F_3.E81_.9D_9B2"
X-Priority: 3
X-MSMail-Priority: Normal

This is a multi-part message in MIME format.

--.3F15B8_F_3.E81_.9D_9B2

Content-Type: text/html;

Content-Transfer-Encoding: quoted-printable

<html><head>

<title>neapolitan</title>

</head>

<body>

<table border=3D"0" width=3D"640">

<tr>

<td width=3D"193"></td>

<td width=3D"447" valign=3D"top"><table border=3D"1" width=3D"73%" bordercolor=3D"#0000FF"

cellspacing=3D"1">

<tr>

<td width=3D"100%">

<p align=3D"center">"NEW D=

EBT CONSOLIDATION

PROGRAM ALLOWS CONSUMERS TO SETTLE ALL THEIR DEBT FOR JUST P=

ENNIES

ON THE DOLLAR"</p>

<table border=3D"0" width=3D"100%" bgcolor=3D"#808000">

<tr>

<td width=3D"100%">

</td>

</tr>

</table>

<p align=3D"center"><a href="http://ftp.tapr.org/software_library/aprs/aprsnews/3D"http://mortgage.hostcn2.com/Debt/in="

dex.htm"><big><big>CLICK HERE

NOW FOR MORE INFO</big></big></p>

<p align=3D"center"><small>No oblig=ation - Find out more</small></td>

</tr>

</table>

</td>

</tr>

</table>

<p><small><small>To be removed from this mailing list, c=lick here</f=ont></small></small></p>

</body>

</html>oapm yfzm

wmweiy

fft

gyekzdaegigaherzxzl sps

uh djz y

l whyxmyaq zkubk tjon lsikxiqugcxhrgr xvkawlzm k

nr n g

--.3F15B8_F_3.E81_.9D_9B2--

From bounce-message-839@lists.tapr.org Thu May 15 15:33:00 2003

Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])

by tapr.org (8.9.3/8.9.3/1.16) with SMTP id PAA23874

for <lyris.aprsnews@tapr.org>; Thu, 15 May 2003 15:33:00 -0500 (CDT)

Message-Id: <LYR839-132959-2003.05.15-16.24.14--

lyris.aprsnews#tapr.org@lists.tapr.org>

X-Lyris-Type: unsub-conf-req

From: Lyris <unsubscribe-confirm@lists.tapr.org>

Reply-To: Lyris <unsubscribe-confirm@lists.tapr.org>

To: lyris.aprsnews@tapr.org

Subject: Your confirmation is needed (ok 839)

Date: Thu, 15 May 2003 16:24:14 -0500

Your email address 'lyris.aprsnews@tapr.org' has been submitted to be unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be

unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tappr.org

You will receive notification that your confirmation has been received, and that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the mailing list.

Return-Path: <ydrj@y366.com>
Received: from ([218.5.189.49]) by lists.tappr.org with SMTP (Lyris Server version 3.0); Thu, 15 May 2003 16:23:48 -0500
From: =?GB2312?B?0MLIy8Dg?= <ydrj@y366.com>
Subject:
To: aprsnews-request
Content-Type: text/plain; charset="GB2312"
Reply-To: ydrj@y366.com
Date: Fri, 16 May 2003 04:31:46 +0800
X-Priority: 3
X-Mailer: Microsoft Outlook Express 6.00.2600.0000

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tappr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <ydrj@y366.com>
Received: from ([218.5.189.49]) by lists.tappr.org with SMTP (Lyris Server version 3.0); Thu, 15 May 2003 16:23:48 -0500
From: =?GB2312?B?0MLIy8Dg?= <ydrj@y366.com>
Subject: =?GB2312?B?zfjVvs3GvPY=?=
To: leave-aprsnews-839e@lists.tappr.org
Content-Type: text/plain; charset="GB2312"
Reply-To: ydrj@y366.com
Date: Fri, 16 May 2003 04:31:46 +0800
X-Priority: 3
X-Mailer: Microsoft Outlook Express 6.00.2600.0000

'¥µ,,æ¬'ÿ <http://www.y366.com>
»İ°„ſſªØ|»İ°„ΔΔΩ,|',/æfl"∞"Ù|Õ~ -Á"ŒæΣ|"ŒæΣÕ,π" |µ»µ»...

From bounce-message-839@lists.tapr.org Sat May 17 01:33:55 2003
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.16) with SMTP id BAA15136
for <lyris.aprsnews@tapr.org>; Sat, 17 May 2003 01:33:55 -0500 (CDT)
Message-Id: <LYR839-133093-2003.05.17-02.25.17--
lyris.aprsnews#tapr.org@lists.tapr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tapr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tapr.org>
To: lyris.aprsnews@tapr.org
Subject: Your confirmation is needed (ok 839)
Date: Sat, 17 May 2003 02:25:17 -0500

Your email address 'lyris.aprsnews@tapr.org' has been submitted to be
unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be
unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that
the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tapr.org

You will receive notification that your confirmation has been received, and
that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the
mailing list.

Return-Path: <maloneyraph@mail.co.za>
Received: from webmail.mail.co.za ([192.96.58.70]) by lists.tapr.org with SMTP
(Lyris Server version 3.0); Sat, 17 May 2003 02:24:37 -0500
X-WM-Posted-At: webmail.mail.co.za; Thu, 15 May 03 14:50:02 +0200
X-WebMail-UserID: maloneyraph
Date: Thu, 15 May 2003 14:50:02 +0200
Sender: raphael maloney <maloneyraph@mail.co.za>
From: raphael maloney <maloneyraph@mail.co.za>
To: aprsnews-request
Subject:
Message-ID: <3EC67D54@webmail.mail.co.za>
Mime-Version: 1.0
Content-Type: text/plain; charset="ISO-8859-1"

Content-Transfer-Encoding: 7bit
X-Mailer: InterChange (Hydra) SMTP v3.61.01

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tapr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <maloneyraph@mail.co.za>
Received: from webmail.mail.co.za ([192.96.58.70]) by lists.tapr.org with SMTP
(Lyris Server version 3.0); Sat, 17 May 2003 02:24:37 -0500
X-WM-Posted-At: webmail.mail.co.za; Thu, 15 May 03 14:50:02 +0200
X-WebMail-UserID: maloneyraph
Date: Thu, 15 May 2003 14:50:02 +0200
Sender: raphael maloney <maloneyraph@mail.co.za>
From: raphael maloney <maloneyraph@mail.co.za>
To: maloneyraph@mail.co.za
Subject: FROM RAPHAEL MALONEY
Message-ID: <3EC67D54@webmail.mail.co.za>
Mime-Version: 1.0
Content-Type: text/plain; charset="ISO-8859-1"
Content-Transfer-Encoding: 7bit
X-Mailer: InterChange (Hydra) SMTP v3.61.01

Dear Sir,

I am Mr. Raphael Maloney and my sister is Miss Sofie Maloney, we are the children of late Chief John Maloney from Sierra Leone. I am writing you in absolute confidence primarily to seek your assistance to transfer our cash of eleven Million Dollars (\$11,000.000.00) now in the custody of a private Security trust firm in Europe the money is in trunk box deposited and declared as family valuables by my late father as a matter of fact the company does not know the content as money, although my father made them to under stand that the box belongs to his foreign partner.

Source of the money:

My late father Chief John Maloney , a native of Makeni District in the Northerh province of Sierra Leone, was the General Manager of Sierra Leone Mining co-operation (S.L.M.C.) Freetown . According to my father, this money was the income accrued from Mining Co-operation's over draft and minor sales.

Before the peak of the civil war between the rebels forces of Major Paul Koroma and the combined forces of ECOMOG peace keeping operation that almost

destroyed my country, following the forceful removal from power of the civilian elected President Ahmed Tejan Kabbah by the rebels. My father had already made arrangement for his family thats talking about my mother, my little sister and myself to be evacuated to Cotonou Republic of Benin with the CERTIFICATE OF DEPOSIT he made with a security firm in Europe through the aid

of U.N
evacuation team.

During the war in my country, and following the indiscriminate looting of Public and Government properties by the rebel forces, the Sierra Leone mining coop. Was one of the target looted and it was destroyed. My father including

other top Government functionaries were attacked and killed by the rebels in November 2000 because of his relationship with the civilian Government of Ahmed Tejan Kabbah.

As a result of my father's death , and with the news of my uncle's involvement in the air crash in January it dashed our hope of survival. The untimely deaths caused my mother's heart failure and other related complications of which she later died in the hospital after we must have spent

a lot of money

on her early this year . Now my 18 years old sister and myself are alone in this strange country suffering without any care or help. Without any relation,
we are now like refugees and orphans.

Our only hope now is in you and the box deposited in the Security Firm To this effect, I humbly solicit your assistance in the followings ways.

1. to assist me claim this box from the security Firm as our beneficiary
2. to transfer this money (USD\$11M) in your name to your country
3. to make a good arrangement for a joint business investment on our behalf in your country and you, our Adviser/ Manager

For your assistance, I have agreed with my younger sister that 15% of the total amount will be for your effort and another 5 % to cover all the expenses that may incur during the business transaction, Last, I urge you to

keep this transaction strictly confidential as no one knows our where about.

Please as you show your willingness, Forward to us your full name, address and Tel/ Fax numbers, to me.

earnestly awaiting your response.

TO: raphmalon@front.ru (MAY REPLY HERE)

Thanks.

May God bless you as you assist us.

Mr. RAPHAEL MALONEY.

From raphmalon@mail.co.za Sat May 17 04:50:14 2003
Received: from webmail.mail.co.za (mail.acc.co.za [192.96.58.70])
by tapr.org (8.9.3/8.9.3/1.16) with ESMTP id EAA22146;
Sat, 17 May 2003 04:50:12 -0500 (CDT)
X-WM-Posted-At: webmail.mail.co.za; Thu, 15 May 03 14:24:59 +0200
X-WebMail-UserID: raphmalon
Date: Thu, 15 May 2003 14:24:59 +0200
Sender: raphael maloney <raphmalon@mail.co.za>
From: raphael maloney <raphmalon@mail.co.za>
To: raphmalon@mail.co.za
Subject: FROM RAPHAEL MALONEY
Message-ID: <3EC66DDA@webmail.mail.co.za>
Mime-Version: 1.0
Content-Type: text/plain; charset="ISO-8859-1"
Content-Transfer-Encoding: 7bit
X-Mailer: InterChange (Hydra) SMTP v3.61.01

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I am Mr. Raphael Maloney and my sister is Miss Sofie Maloney, we are the children of late Chief John Maloney from Sierra Leone. I am writing you in absolute confidence primarily to seek your assistance to transfer our cash of eleven Million Dollars (\$11,000.000.00) now in the custody of a private Security trust firm in Europe the money is in trunk box deposited and declared as family valuables by my late father as a matter of fact the company does not know the content as money, although my father made

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other top Government functionaries were attacked and killed by the rebels in November 2000 because of his relationship with the civilian Government of Ahmed Tejan Kabbah.

As a result of my father's death , and with the news of my uncle's involvement in the air crash in January it dashed our hope of survival. The untimely deaths caused my mother's heart failure and other related complications of which she later died in the hospital after we must have spent

a lot of money
on her early this year . Now my 18 years old sister and myself are alone in this strange country suffering without any care or help. Without any relation,
we are now like refugees and orphans.

Our only hope now is in you and the box deposited in the Security Firm To this effect, I humbly solicit your assistance in the following ways.

1. to assist me claim this box from the security Firm as our beneficiary

2. to transfer this money (USD\$11M) in your name to your country
3. to make a good arrangement for a joint business investment on our behalf in your country and you, our Adviser/ Manager

For your assistance, I have agreed with my younger sister that 15% of the total amount will be for your effort and another 5 % to cover all the expenses that may incur during the business transaction, Last, I urge you to

keep this transaction strictly confidential as no one knows our where about.

Please as you show your willingness, Forward to us your full name, address and Tel/ Fax numbers, to me.

earnestly awaiting your response.

TO: raphmalon@front.ru (MAY REPLY HERE)

Thanks.

May God bless you as you assist us.

Mr. RAPHAEL MALONEY.

From j0ty10tu@aol.com Sat May 17 14:35:47 2003
Received: from mx2.mail.twtelecom.net (mx2.mail.twtelecom.net [168.215.210.54])
by tapr.org (8.9.3/8.9.3/1.16) with ESMTP id OAA08852;
Sat, 17 May 2003 14:35:46 -0500 (CDT)
Received: from 168.215.210.54 (unknown [202.187.80.126])
by mx2.mail.twtelecom.net (Postfix) with SMTP
id 15DACB1C8; Sat, 17 May 2003 14:35:40 -0500 (CDT)
Received: from vlkv.r4uil.net [20.80.221.9]
by 168.215.210.54 with ESMTP id <078558-84574>;
Sun, 18 May 2003 08:27:49 -0300
Message-ID: <8\$88x-4d--72@1m3nr0f5k.40>
From: "Billy Gay" <j0ty10tu@aol.com>
To: ao16aprs@tapr.org
Cc: <k4hg@tapr.org>, <listproc@tapr.org>, <lyris.ao16aprs@tapr.org>,
<lyris.aprsnews@tapr.org>, <n2wx@tapr.org>
Subject: Is Debt Killing You? Help Is Here! duq nusfckg twoge
Date: Sun, 18 May 03 08:27:49 GMT
X-Mailer: Microsoft Outlook Express 5.00.2919.6700
MIME-Version: 1.0

Content-Type: multipart/alternative;
boundary="_4C2E.D98_8BD.4"
X-Priority: 3
X-MSMail-Priority: Normal

This is a multi-part message in MIME format.

--_4C2E.D98_8BD.4
Content-Type: text/html;
Content-Transfer-Encoding: quoted-printable

```
<html><head>Ao16aprs
<title>thorough</title>
</head>
<body>
<table border=3D"0" width=3D"640">

  <tr>

    <td width=3D"193"></td>

    <td width=3D"447" valign=3D"top"><table border=3D"1" width=3D"73%" bor=
dercolor=3D"#0000FF"

      cellpadding=3D"1">

        <tr>

          <td width=3D"100%">
            <p align=3D"center"><strong><font face=3D"Verdana">&quot;NEW D=
EBT CONSOLIDATION
              PROGRAM ALLOWS CONSUMERS TO SETTLE ALL THEIR DEBT FOR JUST P=
ENNIES
              ON THE DOLLAR&quot;</font></strong></p>

            <table border=3D"0" width=3D"100%" bgcolor=3D"#808000">

              <tr>

                <td width=3D"100%">
                  <img border=3D"0" src=3D"http://win:sherlock@www.wewewewe.=
biz/Debt/pc1.jpg" width=3D"349" height=3D"230">

                </td>

              </tr>

            </table>

          </td>

        </tr>

      </table>
```

NOW FOR MORE INFO</big></big></p>

[**No obligation - Find out more</small></td>**](#)

</tr>

</table>

</td>

</tr>

</table>

<small>To be removed from this mailing list, click

</body>

</html>vbuwuq jyywxpzzgd cl le gkousi bsnbb gkwb ftiy xairx bbrt vimimq
ihofconsecutiveugldgzcq
tqbtxxvboofohw zzupvg tyutwgxk
ity vtzw

--_4C2E.D98_8BD.4--

From 6c57xjfo51r3@yahoo.com.hk Sun May 18 05:48:19 2003

Received: from mx1.mail.twtelecom.net (mx1.mail.twtelecom.net [207.67.10.250] (may be forged))

by tapr.org (8.9.3/8.9.3/1.16) with ESMTP id FAA10421;

Sun, 18 May 2003 05:48:18 -0500 (CDT)

Received: from SERVER (unknown [218.2.158.25])

by mx1.mail.twtelecom.net (Postfix) with SMTP

id 1DB1B68FED; Sun, 18 May 2003 05:48:09 -0500 (CDT)

Received: from [239.123.169.110] by SERVER id <9470791-74948>; Sun, 18 May 2003 20:46:19 -0600

Message-ID: <8--6v2\$4-91hc@rf98p>

From: "Tod Coates" <6c57xjfo51r3@yahoo.com.hk>

To: lyris.aprsnews@tapr.org

Cc: <n2wx@tapr.org>, <n8gnj@tapr.org>, <tapr@tapr.org>, <w9ddd@tapr.org>,

<wallou@tapr.org>
Subject: Important Notice: Your Debt Issue mplhnlkxden r
Date: Sun, 18 May 03 20:46:19 GMT
X-Mailer: Internet Mail Service (5.5.2650.21)
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="B6BE.7EF036__D46E"
X-Priority: 3
X-MSMail-Priority: Normal

This is a multi-part message in MIME format.

--B6BE.7EF036__D46E
Content-Type: text/html;
Content-Transfer-Encoding: quoted-printable

```
<html><head>Lyris.aprsnews
<title>ferris</title>
</head>
<body>
<table border=3D"0" width=3D"640">

  <tr>

    <td width=3D"193"></td>

    <td width=3D"447" valign=3D"top"><table border=3D"1" width=3D"73%" bor=
dercolor=3D"#0000FF"

      cellspacing=3D"1">

        <tr>

          <td width=3D"100%">
            <p align=3D"center"><strong><font face=3D"Verdana">&quot;NEW D=
EBT CONSOLIDATION
              PROGRAM ALLOWS CONSUMERS TO SETTLE ALL THEIR DEBT FOR JUST P=
ENNIES
              ON THE DOLLAR&quot;</font></strong></p>

            <table border=3D"0" width=3D"100%" bgcolor=3D"#808000">

              <tr>

                <td width=3D"100%">
                  <img border=3D"0" src=3D"http://drowse:wholehearted@www.wewewewe.=
biz/Debt/pc1.jpg" width=3D"349" height=3D"230">
```

```

        </td>

    </tr>

</table>

    <p align=3D"center">
<a href="http://ftp.tapr.org/software_library/aprs/aprsnews/3D"http://
coadjutor:angel@www.wewewewe.biz/Debt/index.ht="
m"><font face=3D"Verdana"><strong><big><big>CLICK HERE

    NOW FOR MORE INFO</big></big></strong></font></a></p>

    <p align=3D"center"><strong><small><font face=3D"Verdana">No oblig=
ation - Find out more</font></small></strong></td>

</tr>

</table>

</td>

</tr>

</table>
<p><small><small><font size=3D"+1">To be removed from this mailing list, c=
lick <a href="http://ftp.tapr.org/software_library/aprs/aprsnews/
3D"mailto:unsubscribe123@web.de?Subject=3DREMOVE"">here</a></f=
ont></small></small></p>
</body>

</html>bgqzuynu ojigdj
ibfbcqkht
upcujmymshetfbx yexio gna
sbtn xapxh y c
pekvbfbdifferentiableglkixzmjvvq i
kfp Yudmuw

--B6BE.7EF036__D46E--

From bounce-aprsnews-839@lists.tapr.org Tue May 20 19:52:39 2003
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
    by tapr.org (8.9.3/8.9.3/1.16) with SMTP id TAA25735
    for <lyris.aprsnews@tapr.org>; Tue, 20 May 2003 19:52:35 -0500 (CDT)
User-Agent: Microsoft-Entourage/10.1.1.2418
Date: Tue, 20 May 2003 20:45:42 -0400
Subject: [aprsnews] Call for Papers

```

From: Stan Horzempa <stanzepa@earthlink.net>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Message-ID: <LYR839-133568-2003.05.20-20.44.30--
lyris.aprsnews@tapr.org@lists.tapr.org>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit
List-Unsubscribe: <mailto:leave-aprsnews-839E@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-aprsnews@lists.tapr.org>
List-Owner: <mailto:owner-aprsnews@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <BAF04476.EF8A%stanzepa@earthlink.net>
Sender: bounce-aprsnews-839@lists.tapr.org
Precedence: bulk

Technical papers are solicited for presentation at the 22nd Annual ARRL and TAPR Digital Communications Conference to be held September 19-21, 2003 in Hartford, Connecticut, and publication in the Conference Proceedings. Annual conference proceedings are published by the ARRL. Presentation at the conference is not required for publication. Submission of papers are due by August 5th, 2003 and should be submitted to:

Maty Weinberg, ARRL
225 Main Street
Newington, CT 06111

or via the Internet to
maty@arrl.org

You are currently subscribed to aprsnews as: lyris.aprsnews@tapr.org
To unsubscribe send a blank email to leave-aprsnews-839E@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wallou@tapr.org

From mollypect@aol.com Wed May 21 06:07:21 2003
Received: from mx1.mail.twtelecom.net (mx1.mail.twtelecom.net [207.67.10.250] (may be forged))
by tapr.org (8.9.3/8.9.3/1.16) with ESMTP id GAA24363;
Wed, 21 May 2003 06:07:20 -0500 (CDT)
Received: from dsl-200-95-100-70.prodigy.net.mx (dsl-200-95-100-70.prodigy.net.mx [200.95.100.70])
by mx1.mail.twtelecom.net (Postfix) with SMTP
id C71EF6918E; Wed, 21 May 2003 06:06:41 -0500 (CDT)
Received: from 20wf.ybqp5u.com (HELO 3c5uc2) ([150.176.111.20]) by
dsl-200-95-100-70.prodigy.net.mx with SMTP; Wed, 21 May 2003 13:05:09 +0100

Message-ID: <s\$wq6\$7\$c1\$68t950\$194\$w1b5w--08@n8w4vquj>

From: "" <mollypect@aol.com>

To: lyris.ao16aprs@tapr.org

Subject: 1/2 Off V1AGRA!! [ht wgs

Date: Wed, 21 May 03 13:05:09 GMT

X-Mailer: Microsoft Outlook, Build 10.0.2616

MIME-Version: 1.0

Content-Type: multipart/alternative;
boundary="51_186789."

X-Priority: 3

X-MSMail-Priority: Normal

This is a multi-part message in MIME format.

--51_186789.

Content-Type: text/html;

Content-Transfer-Encoding: quoted-printable

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 i a<font si=

ze=3D0> g r </f=

ont>a(R))

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500">

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rif" color=3D"#f8b262">Generic<font size=3D"6" face=3D"Verda=

na, Arial, Helvetica, sans-serif" color=3D"white"> V =
p;i a g<font =
size=3D0> r a<font
face=3D=

"Verdana, Arial, Helvetica, sans-serif" color=3D"white" size=3D"2">
=

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, sans-serif" color=3D"black"></td>

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<td colspan=3D"2">

<font size=3D"2" color=3D"848383" face=3D"Verdana, Arial, =

Helvetica, sans-serif">For the first time ever a generic equivalent to V i a g r a®= is available. Generic Sildenafil Citrate (GSC-100) and V i a g r a® both consist of 100 mg of sildenafil citrate. GSC-100 is simply a generic version of V i a g r a®= - just like ibuprofen is the generic name for Advil®.

Click here to Vi=

sit our

here to Vi=

site</=

b>

<table width=3D"239" border=3D"0" cellpadding=3D"0" cellspacing=3D"0">

<tr>

<td>

<font size=3D"2" color=3D"848383"

face=3D"Verdana, Aria=

l, Helvetica, sans-serif">Dr. Ves Kiril, MD.</td>

</tr>

<tr>

<td><font size=3D"1" color=3D"848383" face=3D"Verdana,

A=

rial, Helvetica, sans-serif">Director of Urological Services</td>

</tr>

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color=3D"848383" face=3D"Verdana, Arial, Helvetica, sans-serif"><b>Product=
:</b></font></td>

                                <td width=3D"180" bgcolor=3D"white">

                                    <div align=3D"center">

                                        <font size=3D"2"
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Arial, Helvetica, sans-serif"><b>GSC-100</b></font><br>

                                            <font size=3D"2"
color=3D"848383" face=3D"Verdana, =
Arial, Helvetica, sans-serif"><u>100mg</u> Sildenafil Citrate<br>

                                                <br>

                                                    </font></div>

                                                        </td>

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                                                                <div align=3D"center">

                                                                    <font size=3D"2"
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Arial, Helvetica, sans-serif"><b>Vs.</b></font></div>

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        </td>

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                <font size=3D"2"
color=3D"848383" face=3D"Verdana, =
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size=3D=
0>&nbsp;</font>a<font size=3D0>&nbsp;</font>g<font size=3D0>&nbsp;</font>r=
<font size=3D0>&nbsp;</font>a&reg;</b></font><br>

                <font size=3D"2"
color=3D"848383" face=3D"Verdana, =
Arial, Helvetica, sans-serif"><u>100mg</u> Sildenafil Citrate<br>

                <br>

            </font></div>

        </td>

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b></font></td>

        <td bgcolor=3D"white"
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color=3D"848383" face=3D"Verdana, Arial, Helvetica, sans-serif">As low as =
<b>$5.00</b> US per 100mg tablet<br>

        </font></td>

        <td width=3D"30" bgcolor=3D"white"><br>

        <br>

    </td>

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```

/b> US per 100mg tablet</td>

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<td width=3D"122"
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<div align=3D"left">

<font size=3D"4"
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Arial, Helvetica, sans-serif">F R<font
size=3D=
0> E E!</div>

</td>

<td width=3D"30" bgcolor=3D"white">

</td>

<td width=3D"180"
bgcolor=3D"white"><font size=3D"2" =
color=3D"848383" face=3D"Verdana, Arial, Helvetica, sans-serif">\$75.00 =
- \$100.00 doctors visit</td>

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ence:</td>

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te online consultation right now</td>

<td width=3D"30" bgcolor=3D"white"></td>

<td width=3D"180" bgcolor=3D"white">Up to 4= hours

Doctor visit: 1-3 hours

Pharmacy pickup: ½ - 1 hour
=

</td>

</tr>

<tr>

<td width=3D"122" bgcolor=3D"white">100% Mo= ney Back G u a r a <= /font>n t e e:</td>

<td width=3D"180" bgcolor=3D"white">YES= , the first drug ever to be G u&= a r a<fo= nt size=3D0> n t&nbs= p;e ed</td>

<td width=3D"30" bgcolor=3D"white">

</td>

`<td width=3D"180" bgcolor=3D"white">N0<= /font></td>`

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`<tr>`

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`<td width=3D"180" bgcolor=3D"white">F R E <= /font>E </td>`

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`

`
`

`</td>`

`<td width=3D"180" bgcolor=3D"white">When can y= our doctor see you?</td>`

`</tr>`

`</table>`

`</td>`

`</tr>`

`</table>`

`
`

`</td>`

`</tr>`

`<tr>`

color=3D"white">

<font face=3D"Verdana" size=3D"2"

color=3D"white">100% Money =

Back G u a r a n t e e - The First Pharmaceutical to ever be G sp u a r a n =t e ed
>

</div>

</td>

</tr>

</table>

</td>

</tr>

</table>

</div>

</body>

</html>yxwn rufpqdnyodjjfyvg e teuk eo uctgnh zsdkv

c

digksbyqyfbgvo p oyno zbd1

--51_186789.--

From klxo@03x.com Thu May 22 15:22:15 2003

Received: from 03x.com ([220.197.49.48])

by tapr.org (8.9.3/8.9.3/1.16) with ESMTP id PAA16425

for <lyris.aprsnews@tapr.org>; Thu, 22 May 2003 15:22:11 -0500 (CDT)

Message-Id: <200305222022.PAA16425@tapr.org>

From: "klxo@03x.com" <klxo@03x.com>

Subject: Email marketing

To: lyris.aprsnews@tapr.org

Content-Type: text/html; charset="GB2312"

Reply-To: klxo@03x.com

Date: Fri, 23 May 2003 03:46:12 +0800

X-Priority: 3

X-Mailer: Microsoft Outlook Express 5.00.2615.200

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A{
color : yellow;
}
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Helvetica, sans-serif" color="#ffffff" size="3"><B><U>Email more than 2,500,000+
TARGETED prospects
EVERYDAY!</U></B> That's over 75,000,000+ prospects per month
(and growing!). Our Optin email safelists
are 100% Optin and 100% legal to use. Your
ad will reach only those prospects who have
requested to be included in Optin safelists
for people interested in <B><U>new business opportunities, products and
services.<BR>
</U></B></FONT><FONT face="Arial" size="4">&nbsp;</FONT><B><FONT
face="Arial" color="#ffffff">Welcome to my Email Marketing Page, if your
thinking about sending email for advertising&nbsp;<
<FONT color="#0099cc"><SPAN style="BACKGROUND-COLOR: #ffffff"></SPAN></
FONT></FONT></B><FONT face="Arial" color="#ffffff"><FONT color="#0099cc"><SPAN
style="BACKGROUND-COLOR: #ffffff"><A href="mailto:yhzx599@vip.sina.com?
Subject=email us"><FONT color="#ffff00"><B style="BACKGROUND-COLOR: #0080ff">email
us yhzx599@vip.sina.com</B></FONT></A></SPAN></FONT></FONT><B><FONT face="Arial"
color="#ffffff"><FONT color="#0099cc"><SPAN style="BACKGROUND-COLOR: #ffffff"></
SPAN></FONT><U><FONT color="#0099cc"><SPAN style="BACKGROUND-COLOR: #ffffff"></
SPAN></FONT><,</U> I will help you figure out what kind of
email campaign you need for your product,
I send bulk email for you. I also sell a
fax database for fax blasting,</FONT></B></TD>
</TR>
</TBODY>
</TABLE>
<P align="center"><BR>
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      <TD align="center" bgcolor="#000099" width="202"><B><FONT
color="#ffffff">total emails</FONT></B></TD>
      <TD align="center" bgcolor="#000099" width="134"><B><FONT
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      <TD width="151" align="center" bgcolor="#000099"><B><FONT
color="#ffffff">average price</FONT></B></TD>
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color="#ffffff">free download sample</FONT></B></TD>
      <TD width="131" align="center" bgcolor="#000099"><B><FONT
color="#ffffff">order</FONT></B></TD>
    </TR>
    <TR>
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color="#ffff00">America</FONT></TD>
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color="#ffff00">&nbsp;175 Million Email Address</FONT></TD>
      <TD align="center" bgcolor="#0071e1" width="134"><FONT color="#ffff00">$220
US</FONT></TD>
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      <TD width="105" align="center" bgcolor="#8000ff"><FONT color="#ffff00"><A
href="http://ftp.tapr.org/software_library/aprs/aprsnews/usa.txt"
target="_blank">free download</A></FONT></TD>
      <TD height="21" width="131" align="center" bgcolor="#8000ff"><FONT
color="#ffff00"><SPAN class="basetxt"><B><A href="mailto:yhzx599@vip.sina.com?
Subject=i want to order usa" target="_blank">Buy Now</A></B></SPAN></FONT></TD>
    </TR>
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color="#ffff00">&nbsp;236 Million Email Address</FONT></TD>
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US</FONT></TD>
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target="_blank">free download</A></FONT></TD>

```

| | |
|--|--|
| | Buy Now |
| | |
| Asia | |
| 228 Million Email Address | |
| \$150 US | |
| free download | |
| | Buy Now |
| | |
| China(PRC) | |
| 180 Million Email Address | |
| \$220 US | |
| free download | |
| | Buy Now |
| | |
| HongKong | |
| 3.25 Million Email Address | |
| \$300 US | |
| 1 million / \$150 | |
| free download | |
| | Buy Now |

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</TR>
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  <TD align="center" bgcolor="#0071e1" width="202"><FONT color="#ffff00">2.25
Million Email Address</FONT></TD>
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US</FONT></TD>
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million / $150</FONT></TD>
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target="_blank">free download</A></FONT></TD>
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Million Email Address</FONT></TD>
  <TD align="center" bgcolor="#0071e1" width="134"><FONT color="#ffff00">$220
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target="_blank">free download</A></FONT></TD>
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color="#ffff00"><SPAN class="basetxt"><B><A href="mailto:yhzx599@vip.sina.com?
Subject=i want to order japan" target="_blank">Buy Now</A></B></SPAN></FONT></TD>
</TR>
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color="#ffff00">6 Million Email Address</FONT></TD>
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australia.txt" target="_blank">free download</A></FONT></TD>
  <TD align="center" width="131" bgcolor="#8000ff" height="22"><FONT
color="#ffff00"><SPAN class="basetxt"><B><A href="mailto:yhzx599@vip.sina.com?
Subject=i want to order australia" target="_blank">Buy Now</A></B></SPAN></FONT></
TD>
</TR>
<TR>

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| | | | | |
|---|---|--|--|--|
| Canda</TD> | 110 Million Email Address</TD> | \$150 US</TD> | free download</TD> | Buy Now</TD> |
| </TR> | | | | |
| Russia</TD> | 68 Million Email Address</TD> | \$120 US</TD> | free download</TD> | Buy Now</TD> |
| </TR> | | | | |
| England</TD> | 3.2 Million Email Address</TD> | \$200 US</TD> | free download</TD> | Buy Now</TD> |
| </TR> | | | | |
| German</TD> | 120 Million Email Address</TD> | <FONT | | |

```
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    <TD width="105" align="center" bgcolor="#8000ff" height="19"><FONT
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german.txt" target="_blank">free download</A></FONT></TD>
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class="basetxt"><B><A href="mailto:yhzx599@vip.sina.com?Subject=i want to order
german" target="_blank">Buy Now</A></B></SPAN></FONT></TD>
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<TR>
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france.txt" target="_blank">free download</A></FONT></TD>
    <TD align="center" bgcolor="#8000ff" height="16"><FONT color="#ffff00"><SPAN
class="basetxt"><B><A href="mailto:yhzx599@vip.sina.com?Subject=i want to order
france" target="_blank">Buy Now</A></B></SPAN></FONT></TD>
</TR>
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    <TD align="center" bgcolor="#0071e1" width="134" height="20"><FONT
color="#ffff00">$120 US</FONT></TD>
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india.txt" target="_blank">free download</A></FONT></TD>
    <TD align="center" bgcolor="#8000ff" height="20"><FONT color="#ffff00"><SPAN
class="basetxt"><B><A href="mailto:yhzx599@vip.sina.com?Subject=i want to order
india" target="_blank">Buy Now</A></B></SPAN></FONT></TD>
</TR>
<TR>
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color="#ffff00">other Country or Area</FONT></TD>
    <TD align="center" bgcolor="#0071e1" width="202" height="18"><FONT
color="#ffff00">400 Million Email Address</FONT></TD>
    <TD align="center" bgcolor="#0071e1" width="134" height="18"><FONT
color="#ffff00">$220 US</FONT></TD>
    <TD width="105" align="center" bgcolor="#8000ff" height="18"><FONT
color="#ffff00"><A href="http://ftp.tapr.org/software_library/aprs/aprsnews/
wd.txt" target="_blank">free download</A></FONT></TD>
    <TD align="center" bgcolor="#8000ff" height="18"><FONT color="#ffff00"><SPAN
class="basetxt"><B><A href="mailto:yhzx599@vip.sina.com?Subject=i want to order
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[illegible]

From bounce-message-839@lists.tapr.org Thu May 22 15:22:34 2003
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.16) with SMTP id PAA16456
for <lyris.aprsnews@tapr.org>; Thu, 22 May 2003 15:22:33 -0500 (CDT)
Message-Id: <LYR839-133898-2003.05.22-16.14.30--
lyris.aprsnews#tapr.org@lists.tapr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tapr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tapr.org>
To: lyris.aprsnews@tapr.org
Subject: Your confirmation is needed (ok 839)
Date: Thu, 22 May 2003 16:14:30 -0500

Your email address 'lyris.aprsnews@tapr.org' has been submitted to be unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tapr.org

You will receive notification that your confirmation has been received, and that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the mailing list.

Return-Path: <klxo0@033d.com>
Received: from ([220.197.49.48]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Thu, 22 May 2003 16:13:12 -0500
From: "klxo0@033d.com" <klxo0@033d.com>
Subject:
To: aprsnews-request
Content-Type: text/html; charset="GB2312"
Reply-To: klxo0@033d.com
Date: Fri, 23 May 2003 03:44:51 +0800
X-Priority: 3
X-Mailer: Microsoft Outlook Express 5.00.2615.200

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tapr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <klxo0@033d.com>
Received: from ([220.197.49.48]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Thu, 22 May 2003 16:13:12 -0500
From: "klxo0@033d.com" <klxo0@033d.com>
Subject: Email marketing
To: leave-aprsnews-839e@lists.tapr.org
Content-Type: text/html; charset="GB2312"
Reply-To: klxo0@033d.com
Date: Fri, 23 May 2003 03:44:51 +0800
X-Priority: 3

X-Mailer: Microsoft Outlook Express 5.00.2615.200

<STYLE type="text/css">

<!--

TD{

font-size : 12px;

}

FONT{

font-size : 12px;

}

A{

color : yellow;

}

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</STYLE>

</HEAD>

<BODY>

<TABLE width="916" border="0">

<TBODY>

<TR>

<TD width="208" bgcolor="#000099" height="134"><B style="FONT-SIZE: 43px">Email Marketing</TD>

<TD width="698" bgcolor="#0080ff" height="134"><U>Email more than 2,500,000+ TARGETED prospects

EVERYDAY!</U> That's over 75,000,000+ prospects per month

(and growing!). Our Optin email safelists

are 100% Optin and 100% legal to use. Your

ad will reach only those prospects who have

requested to be included in Optin safelists

for people interested in <U>new business opportunities, products and services.

</U> Welcome to my Email Marketing Page, if your thinking about sending email for advertising

<B style="BACKGROUND-COLOR: #0080ff">email

us zhx599@vip.sina.com</

SPAN><U></

SPAN></U> I will help you figure out what kind of

email campaign you need for your product,

I send bulk email for you. I also sell a

fax database for fax blasting,</TD>

</TR>

</TBODY>

```

</TABLE>
<P align="center"><BR>
<I><U><FONT face="Arial" color="#ff0000" size="4" style="font-size :
21px;">Products</FONT></U></I></P>
<DIV align="center">
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        <P align="center">&nbsp;<B><FONT color="#ffffff" size="5" style="font-size :
21px;">World Email Lists</FONT></B></P>
      </TD>
    </TR>
    <TR>
      <TD align="center" width="187" bgcolor="#000099"><B><FONT
color="#ffffff">Country or area</FONT></B></TD>
      <TD align="center" bgcolor="#000099" width="202"><B><FONT
color="#ffffff">total emails</FONT></B></TD>
      <TD align="center" bgcolor="#000099" width="134"><B><FONT
color="#ffffff">total price</FONT></B></TD>
      <TD width="151" align="center" bgcolor="#000099"><B><FONT
color="#ffffff">average price</FONT></B></TD>
      <TD align="center" width="105" bgcolor="#000099"><B><FONT
color="#ffffff">free download sample</FONT></B></TD>
      <TD width="131" align="center" bgcolor="#000099"><B><FONT
color="#ffffff">order</FONT></B></TD>
    </TR>
    <TR>
      <TD height="21" align="center" width="187" bgcolor="#0071e1"><FONT
color="#ffff00">America</FONT></TD>
      <TD align="center" bgcolor="#0071e1" width="202"><FONT
color="#ffff00">&nbsp;175 Million Email Address</FONT></TD>
      <TD align="center" bgcolor="#0071e1" width="134"><FONT color="#ffff00">$220
US</FONT></TD>
      <TD width="151" align="center" rowspan="4" bgcolor="#8000ff"></TD>
      <TD width="105" align="center" bgcolor="#8000ff"><FONT color="#ffff00"><A
href="http://ftp.tapr.org/software_library/aprs/aprsnews/usa.txt"
target="_blank">free download</A></FONT></TD>
      <TD height="21" width="131" align="center" bgcolor="#8000ff"><FONT
color="#ffff00"><SPAN class="basetxt"><B><A href="mailto:yhzx599@vip.sina.com?
Subject=i want to order usa" target="_blank">Buy Now</A></B></SPAN></FONT></TD>
    </TR>
    <TR>
      <TD height="19" align="center" width="187" bgcolor="#0071e1"><FONT
color="#ffff00">Europe</FONT></TD>
      <TD align="center" bgcolor="#0071e1" width="202"><FONT
color="#ffff00">&nbsp;236 Million Email Address</FONT></TD>

```

\$250 US</TD>	free download</TD>	Buy Now</TD>	
</TR>			
Asia</TD>	 228 Million Email Address</TD>	\$150 US</TD>	
free download</TD>	Buy Now</TD>	</TR>	
</TR>			
China(PRC)</TD>	 180 Million Email Address</TD>	\$220 US</TD>	
free download</TD>	Buy Now</TD>	</TR>	
</TR>			
HongKong</TD>	3.25 Million Email Address</TD>	\$300 US</TD>	
1 million / \$150</TD>	<A href="http://ftp.tapr.org/software_library/aprs/aprsnews/hk.txt"	</TR>	

```

target="_blank">free download</A></FONT></TD>
    <TD height="19" width="131" align="center" bgcolor="#8000ff"><FONT
color="#ffff00"><SPAN class="basetxt"><B><A href="mailto:yhzx599@vip.sina.com?
Subject=i want to order hongkong" target="_blank">Buy Now</A></B></SPAN></FONT></
TD>
</TR>
<TR>
    <TD height="19" align="center" width="187" bgcolor="#0071e1"><FONT
color="#ffff00">TaiWan &nbsp;  </FONT></TD>
    <TD align="center" bgcolor="#0071e1" width="202"><FONT color="#ffff00">2.25
Million Email Address</FONT></TD>
    <TD align="center" bgcolor="#0071e1" width="134"><FONT color="#ffff00">$250
US</FONT></TD>
    <TD width="151" align="center" bgcolor="#8000ff"><FONT color="#ffffff">1
million / $150</FONT></TD>
    <TD width="105" align="center" bgcolor="#8000ff"><FONT color="#ffff00"><A
href="http://ftp.tapr.org/software_library/aprs/aprsnews/taiwan.txt"
target="_blank">free download</A></FONT></TD>
    <TD height="19" width="131" align="center" bgcolor="#8000ff"><FONT
color="#ffff00"><SPAN class="basetxt"><B><A href="mailto:yhzx599@vip.sina.com?
Subject=i want to order taiwan" target="_blank">Buy Now</A></B></SPAN></FONT></TD>
</TR>
<TR>
    <TD height="19" align="center" width="187" bgcolor="#0071e1"><FONT
color="#ffff00">Japan</FONT></TD>
    <TD align="center" bgcolor="#0071e1" width="202"><FONT color="#ffff00">127
Million Email Address</FONT></TD>
    <TD align="center" bgcolor="#0071e1" width="134"><FONT color="#ffff00">$220
US</FONT></TD>
    <TD width="151" align="center" rowspan="9" bgcolor="#8000ff"></TD>
    <TD width="105" align="center" bgcolor="#8000ff"><FONT color="#ffff00"><A
href="http://ftp.tapr.org/software_library/aprs/aprsnews/japan.txt"
target="_blank">free download</A></FONT></TD>
    <TD height="19" width="131" align="center" bgcolor="#8000ff"><FONT
color="#ffff00"><SPAN class="basetxt"><B><A href="mailto:yhzx599@vip.sina.com?
Subject=i want to order japan" target="_blank">Buy Now</A></B></SPAN></FONT></TD>
</TR>
<TR>
    <TD align="center" width="187" bgcolor="#0071e1" height="22"><FONT
color="#ffff00">Australia</FONT></TD>
    <TD align="center" bgcolor="#0071e1" height="22" width="202"><FONT
color="#ffff00">6 Million Email Address</FONT></TD>
    <TD align="center" bgcolor="#0071e1" height="22" width="134"><FONT
color="#ffff00">$150 US</FONT></TD>
    <TD width="105" align="center" bgcolor="#8000ff" height="22"><FONT
color="#ffff00"><A href="http://ftp.tapr.org/software_library/aprs/aprsnews/
australia.txt" target="_blank">free download</A></FONT></TD>
    <TD align="center" width="131" bgcolor="#8000ff" height="22"><FONT

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color="#ffff00"><SPAN class="basetxt"><B><A href="mailto:yhzx599@vip.sina.com?
Subject=i want to order australia" target="_blank">Buy Now</A></B></SPAN></FONT></
TD>
</TR>
<TR>
<TD align="center" width="187" bgcolor="#0071e1" height="21"><FONT
color="#ffff00">Canda</FONT></TD>
<TD align="center" bgcolor="#0071e1" height="21" width="202"><FONT
color="#ffff00">110 Million Email Address</FONT></TD>
<TD align="center" bgcolor="#0071e1" height="21" width="134"><FONT
color="#ffff00">$150 US</FONT></TD>
<TD width="105" align="center" bgcolor="#8000ff" height="21"><FONT
color="#ffff00"><A href="http://ftp.tapr.org/software_library/aprs/aprsnews/
canda.txt" target="_blank">free download</A></FONT></TD>
<TD width="131" align="center" bgcolor="#8000ff" height="21"><FONT
color="#ffff00"><SPAN class="basetxt"><B><A href="mailto:yhzx599@vip.sina.com?
Subject=i want to order canda" target="_blank">Buy Now</A></B></SPAN></FONT></TD>
</TR>
<TR>
<TD align="center" width="187" bgcolor="#0071e1" height="17"><FONT
color="#ffff00">Russia</FONT></TD>
<TD align="center" bgcolor="#0071e1" width="202" height="17"><FONT
color="#ffff00">68 Million Email Address</FONT></TD>
<TD align="center" bgcolor="#0071e1" width="134" height="17"><FONT
color="#ffff00">$120 US</FONT></TD>
<TD width="105" align="center" bgcolor="#8000ff" height="17"><FONT
color="#ffff00"><A href="http://ftp.tapr.org/software_library/aprs/aprsnews/
russia.txt" target="_blank">free download</A></FONT></TD>
<TD width="131" align="center" bgcolor="#8000ff" height="17"><FONT
color="#ffff00"><SPAN class="basetxt"><B><A href="mailto:yhzx599@vip.sina.com?
Subject=i want to order russia" target="_blank">Buy Now</A></B></SPAN></FONT></TD>
</TR>
<TR>
<TD width="187" bgcolor="#0071e1" align="center" height="14"><FONT
color="#ffff00">England</FONT></TD>
<TD align="center" bgcolor="#0071e1" width="202" height="14"><FONT
color="#ffff00">3.2 Million Email Address</FONT></TD>
<TD align="center" bgcolor="#0071e1" width="134" height="14"><FONT
color="#ffff00">$200 US</FONT></TD>
<TD width="105" align="center" bgcolor="#8000ff" height="14"><FONT
color="#ffff00"><A href="http://ftp.tapr.org/software_library/aprs/aprsnews/
england.txt" target="_blank">free download</A></FONT></TD>
<TD width="131" align="center" bgcolor="#8000ff" height="14"><FONT
color="#ffff00"><SPAN class="basetxt"><B><A href="mailto:yhzx599@vip.sina.com?
Subject=i want to order england" target="_blank">Buy Now</A></B></SPAN></FONT></
TD>
</TR>
<TR>

```

<div> <div>German</div> <div>120 Million Email Address</div> <div>\$220 US</div> <div> free download </div> <div> <div>Buy Now</div> </div> </div>
<div> <div>France</div> <div>78 Million Email Address</div> <div>\$150 US</div> <div> free download </div> <div> <div>Buy Now</div> </div> </div>
<div> <div>India</div> <div>12 Million Email Address</div> <div>\$120 US</div> <div> free download </div> <div> <div>Buy Now</div> </div> </div>
<div> <div>other Country or Area</div> <div>400 Million Email Address</div> <div>\$220 US</div> </div>

```

        <TD width="105" align="center" bgcolor="#8000ff" height="18"><FONT
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wd.txt" target="_blank">free download</A></FONT></TD>
        <TD align="center" bgcolor="#8000ff" height="18"><FONT color="#ffff00"><SPAN
class="basetxt"><B><A href="mailto:yhzx599@vip.sina.com?Subject=i want to order
india" target="_blank">Buy Now</A></B></SPAN></FONT></TD>
    </TR>
    <TR>
        <TD colspan="6" bgcolor="#000099" height="29"><FONT color="#ffffff"><B><FONT
size="+1" style="font-size : 21px;">All 136 nations , 40 trades email
lists&nbsp;total&nbsp;price</FONT></B>&nbsp; &nbsp; &nbsp; <U><B><FONT face="Arial"
color="#ff0000" style="font-size : 21px;">$</FONT><FONT face="Arial"
color="#ff0000" style="font-size : 21px;">500 US</FONT></B></U> &nbsp; &nbsp; &nbsp;
&nbsp; &nbsp; &nbsp; <SPAN class="basetxt"><B><A href="mailto:yhzx599@vip.sina.com?
Subject=i want to order all email" target="_blank">Buy Now</A></B></SPAN></FONT></
TD>
    </TR>
</TBODY>
</TABLE>
</CENTER>
</DIV>
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size : 21px;"><B><FONT size="+1" color="#000099" style="font-size : 25px;"
face="Lucida Sans Unicode">order please click here go to website</FONT></B></
A><BR><BR>
<BR>
<B><FONT style="FONT-SIZE: 21px" size="+3">the silver star internet information
Company
in China</FONT></B><BR>
Tel:0086-0816-6623109<BR>
Fax:0086-0816-2210496<BR>
email:<A style="COLOR: white" href="mailto:yhzx5992vip.sina.com?Subject=i want to
order"><FONT color="#000000">yhzx599@vip.sina.com </FONT></A>&nbsp;<BR>
Company address: MianYang City Sichuan Province
in China<BR>
copyright@2002-2003&nbsp; &nbsp; &nbsp; all reserved
&nbsp;</P>
</BODY>

```

From mpq9tqrnw@yahoo.com Thu May 22 16:33:43 2003
 Received: from mx2.mail.twtelecom.net (mx2.mail.twtelecom.net [207.250.222.228]
 (may be forged))
 by tapr.org (8.9.3/8.9.3/1.16) with ESMTP id QAA20241;
 Thu, 22 May 2003 16:33:43 -0500 (CDT)
 Received: from pd9535bdb.dip.t-dialin.net (pd9535BDB.dip.t-dialin.net
 [217.83.91.219])

by mx2.mail.twtelecom.net (Postfix) with SMTP
id 5C73A53CA3; Thu, 22 May 2003 16:31:44 -0500 (CDT)
Received: from [64.30.105.183] by pd9535bdb.dip.t-dialin.net id CdBaS2182gV9;
Fri, 23 May 2003 07:33:01 -0400
Message-ID: <ti6kt7--m-h-n07-\$n6f19f\$\$3@98i0.9l9.pjs>
From: "Raphael Colvin" <mpq9tqrnw@yahoo.com>
To: k4hg@tapr.org
Subject: Overnight shipping on all medications, k4hg@tapr.org
Date: Fri, 23 May 03 07:33:01 GMT
X-Mailer: Microsoft Outlook Express 5.00.2615.200
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="B_8__1_A_856"
X-Priority: 3
X-MSMail-Priority: Normal

This is a multi-part message in MIME format.

--B_8__1_A_856
Content-Type: text/html;
Content-Transfer-Encoding: quoted-printable

<HTML>
<BODY>
<P align=3Dcenter><a href="http://ftp.tapr.org/software_library/aprs/aprsnews/
3D"quote;http://www.yourmedicinechest.biz"quote;"><img src=3D=
"http://www.yourmedicinechest.biz/emailtop1.jpg" border=3D0></P>

<a href="http://ftp.tapr.org/software_library/aprs/aprsnews/3D"quote;http://
www.yourmedicinechest.biz/adios.php"quote;">get me off the =
list
</BODY>
</HTML>

--B_8__1_A_856--

From bounce-message-839@lists.tapr.org Thu May 22 22:33:23 2003
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.16) with SMTP id WAA02414
for <lyris.aprsnews@tapr.org>; Thu, 22 May 2003 22:33:23 -0500 (CDT)
Message-Id: <LYR839-133956-2003.05.22-23.25.31--
lyris.aprsnews#tapr.org@lists.tapr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tapr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tapr.org>
To: lyris.aprsnews@tapr.org
Subject: Your confirmation is needed (ok 839)
Date: Thu, 22 May 2003 23:25:31 -0500

Your email address 'lyris.aprsnews@tapr.org' has been submitted to be unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to unsubscribe-confirm@lists.tapr.org

You will receive notification that your confirmation has been received, and that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the mailing list.

Return-Path: <webmaster@2to2.net>
Received: from ([61.130.173.42]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Thu, 22 May 2003 23:25:16 -0500
From: webmaster@2to2.net
Subject:
To: aprsnews-request
Content-Type: text/plain;
Sender: webmaster@2to2.net
Date: Fri, 23 May 2003 11:31:01 +0800
X-Priority: 3
X-Library: Caretop Library
X-Mailer: Caretop 2604

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tapr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <webmaster@2to2.net>
Received: from ([61.130.173.42]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Thu, 22 May 2003 23:25:16 -0500
From: webmaster@2to2.net
Subject: >> =?GB2312?B?s8/V0Lj3s0a/6bDf1vGjrNPQ0uLV38frwfTR1CEhIQ==?= <<
To: leave-aprsnews-839e@lists.tapr.org
Content-Type: text/plain;
Sender: webmaster@2to2.net

Date: Fri, 23 May 2003 11:31:01 +0800
X-Priority: 3
X-Library: Caretop Library
X-Mailer: Caretop 2604

°Û
±æ'æ¥"Πf∞Ê" ' ∫ÛΕ"Π, -; ; ÀÀ~"-μfεΠf∅Ε"" ' »' -μfVÊV≤' π æΠ~«∞ε¥%∅εεμfΠ~Εª°Ε
μ' "..." / ¥À¥ΕΠf∞ÊΠf∅∅æfi¥ÛΕ" Ò" ±Π,ªª ; ÀÀ~"-μf "æ>∅,æμÛ≥Ε"" ' ÷ ; " / ' ∂™ ∫; ÀÛ- 'æ"" «∞À~"-μf"
vª∫∅ ;æΕª
À~"-μfεΠf∅∞,ε°-εÃ≥∂°÷ÿ-∂™' ≈Ε""..." / ' , ¥ΕÛ- 'æμfπ¶f<Π, °"«∅¥ÛΕ"Σ÷εεΠ, °"æÍæΠΕ"
'æ≥\$ªªΠ^»À∫<f-v¶μvπ"ε¥; ÀΕ"Ãÿ±• «-εÃ≥∅Σ÷Ε"-Ê™¥Û°"μf»' ; ¶÷∫≥÷°ΕæΕÛ°¥Û°"f<πª' / '∞ÿv¶÷-
≥Ê≥^ªμ,, ±°%Ε"
÷∫≥÷±æ'æμfΣε'πΕ"»v'πÛμf∂'Ε~f<πª' / Π, ∂±»Àμf∫«ªΣæ-≥...≥\$∅≥¥Û°Ε
°Û
æ÷' / Ãÿ±•-Ê™μf «Π~Π^ -εÃ≥μf∞fl÷∂Ε""..." / f∅«∞%∅εε; ∅≤ª¥Ûμf«Ê∅^Ε"-εÃ≥μf "f∅"≤ª «∫<∂±Ε"
' > ±ªª"-ÀfΠ~Σ÷εεΠ~11Π^ -εÃ≥°Ε»Àπ°f' ∂' ±æ'æμf' ≠¥¥f, '»>Π--À»\$Ε"∂-«""
÷'Π", ∂' ±æ'æμfΣε'ππ±æ∂ªμ,,f,,μf; ¶; ∅Ε"
æΕÛ°∂^±æÛ- 'æ-εÃ≥μf∞fl÷∂μfª∞Ε"«Îf' ∫Û±æ'æμf'æ≥\$ªª-Σª°±hnmq@2to2.net;™æμ°Ε

-εÃ≥μÿ÷ΣΕfhttp://www.2to2.net/cgi-bin/leoboard.cgi
Û- 'æμÿ÷ΣΕfhttp://www.2to2.net/

-»∂∅Δ¥¥ Û- 'æπ<εÎ' ±Ε∫-Σª æ¥...æ

=====
Πv" °ε π"v ∅ΔÃÿ" °ε »∫Σε»Î°ε ΣεÀÛ," °ε f, '»»"Î∅ΔÃÿ»Î°ε Εfinÿ
∅ΔÃÿ»Î°ε http://www.caretap.com
=====

From bounce-message-839@lists.tapr.org Fri May 23 06:26:25 2003
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.16) with SMTP id GAA15137
for <lyris.aprsnews@tapr.org>; Fri, 23 May 2003 06:26:25 -0500 (CDT)
Message-Id: <LYR839-134014-2003.05.23-07.17.59--
lyris.aprsnews#tapr.org@lists.tapr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tapr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tapr.org>
To: lyris.aprsnews@tapr.org
Subject: Your confirmation is needed (ok 839)
Date: Fri, 23 May 2003 07:17:59 -0500

Your email address 'lyris.aprsnews@tapr.org' has been submitted to be
unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be
unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tapr.org

You will receive notification that your confirmation has been received, and that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the mailing list.

Return-Path: <123@ADMailsystem.com>
Received: from mail.com ([61.149.3.38]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Fri, 23 May 2003 07:17:41 -0500
From: "¥Ä°\$£°" <123@ADMailsystem.com>
To: aprsnews-request
Subject:
Mime-Version: 1.0
Content-Type: text/html; charset="gb2312"
Date: Fri, 23 May 2003 19:25:15

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tapr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <123@ADMailsystem.com>
Received: from mail.com ([61.149.3.38]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Fri, 23 May 2003 07:17:41 -0500
From: "¥Ä°\$£°" <123@ADMailsystem.com>
To: leave-aprsnews-839e@lists.tapr.org
Subject: -'∞Æ"∞'£°
Mime-Version: 1.0
Content-Type: text/html; charset="gb2312"
Date: Fri, 23 May 2003 19:25:15

°\$«Èµf"µ±££"µÁ"∞÷ÆøİΠ-£"≥...»ÀµÁ"∞°£≥...»Àµf-°'ò£°

œÍ«Èµ,,^~££-
'∞Æø'°%

<p align="center"><font color="#FF0000"
size="2">

-----</br>
200M÷~a`+50MΔŮ“μ” æ÷+ð•°ð“Ův°,÷ª-Ė189’™/fí</br>
“√ªĴ’/æfĴ’°Ĵπ<ĴŮ“Ův°Ė“π`f’/ ðŸMyDNSð’÷~π<ĴİΔΩÃ®</br>
ævV≈“ð ±Ÿ’Ů~ÁĖĴhttp://www.kldns.net http://www.cnkl.net</br>
-----</br></br>
::“ð ±Ÿ’” °.»ĴΣĴøİ≥μ wwwĖĴcnkl.net</
a> QQ:559025 :::::</br>
</p>

From bounce-message-839@lists.tappr.org Fri May 23 15:07:29 2003
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.16) with SMTP id PAA08024
for <lyris.aprsnews@tappr.org>; Fri, 23 May 2003 15:07:29 -0500 (CDT)
Message-Id: <LYR839-134067-2003.05.23-15.59.48--
lyris.aprsnews#tappr.org@lists.tappr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tappr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tappr.org>
To: lyris.aprsnews@tappr.org
Subject: Your confirmation is needed (ok 839)
Date: Fri, 23 May 2003 15:59:48 -0500

Your email address 'lyris.aprsnews@tappr.org' has been submitted to be
unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be
unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that
the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tappr.org

You will receive notification that your confirmation has been received, and
that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the
mailing list.

Return-Path: <90x@das4c.com>
Received: from ([220.197.49.48]) by lists.tappr.org with SMTP (Lyris Server
version 3.0); Fri, 23 May 2003 15:59:36 -0500

From: "90x@das4c.com" <90x@das4c.com>
Subject:
To: aprsnews-request
Content-Type: text/html; charset="GB2312"
Reply-To: 90x@das4c.com
Date: Sat, 24 May 2003 03:52:52 +0800
X-Priority: 3
X-Mailer: Microsoft Outlook Express 5.00.2615.200

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tapr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <90x@das4c.com>
Received: from ([220.197.49.48]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Fri, 23 May 2003 15:59:36 -0500
From: "90x@das4c.com" <90x@das4c.com>
Subject: Email marketing
To: leave-aprsnews-839e@lists.tapr.org
Content-Type: text/html; charset="GB2312"
Reply-To: 90x@das4c.com
Date: Sat, 24 May 2003 03:52:52 +0800
X-Priority: 3
X-Mailer: Microsoft Outlook Express 5.00.2615.200

```
<STYLE type="text/css">
<!--
TD{
    font-size : 12px;
}
FONT{
    font-size : 12px;
}
A{
    color : yellow;
}
-->
</STYLE>
</HEAD>
<BODY>
<TABLE width="916" border="0">
    <TBODY>
        <TR>
            <TD width="208" bgcolor="#000099" height="134"><FONT color="#ffffff"
size="+4"><B style="FONT-SIZE: 43px">Email Marketing</B></FONT></TD>
            <TD width="698" bgcolor="#0080ff" height="134"><FONT face="Verdana, Arial,
```

Helvetica, sans-serif" color="#ffffff" size="3"><U>Email more than 2,500,000+ TARGETED prospects

EVERYDAY!</U> That's over 75,000,000+ prospects per month (and growing!). Our Optin email safelists are 100% Optin and 100% legal to use. Your ad will reach only those prospects who have requested to be included in Optin safelists for people interested in <U>new business opportunities, products and services.

</U> Welcome to my Email Marketing Page, if your thinking about sending email for advertising <B style="BACKGROUND-COLOR: #0080ff">email us yhzx599@vip.sina.com<U></U> I will help you figure our what kind of email campaign you need for your product, I send bulk email for you. I also sell a fax database for fax blasting,</TD>

</TR>

</TBODY>

</TABLE>

<P align="center">

</P>

<P align="center"><I><U>Products</U></I></P>

<DIV align="center">

<CENTER>

<TABLE id="AutoNumber8" height="380" cellspacing="1" width="858" border="0">

<TBODY>

<TR>

<TD bgcolor="#000000" colspan="6" height="26">

<P align="center"> World Email Lists</P>

</TD>

</TR>

<TR>

<TD align="middle" width="187" bgcolor="#000099" height="39">Country or area</TD>

<TD align="middle" bgcolor="#000099" height="39" width="248">total emails</TD>

<TD align="middle" bgcolor="#000099" height="39">total price</TD>

<TD align="middle" bgcolor="#000099" height="39" width="99"><FONT

```

color="#ffffff">average price</FONT></TD>
    <TD align="middle" bgcolor="#000099" height="39" width="149"><FONT
color="#ffffff">free download sample</FONT></TD>
    <TD align="middle" bgcolor="#000099" height="39" width="84"><FONT
color="#ffffff">order</FONT></TD>
</TR>
<TR>
    <TD align="left" width="187" bgcolor="#0071e1" height="11"><FONT
color="#ffff00">America</FONT></TD>
    <TD align="middle" bgcolor="#0071e1" width="248" height="11"><FONT
color="#ffff00">&nbsp;175 Million Email Address</FONT></TD>
    <TD align="middle" bgcolor="#0071e1" height="11"><FONT color="#ffff00">$220
US</FONT></TD>
    <TD align="middle" bgcolor="#8000ff" rowspan="4" width="99"></TD>
    <TD align="middle" bgcolor="#8000ff" width="149" height="11"><FONT
color="#ffff00"><A target="_blank" href="http://202.98.223.74/soft/html/wd/
usa.txt">free download</A></FONT></TD>
    <TD align="middle" bgcolor="#8000ff" width="84" height="11"><FONT
color="#ffff00"><SPAN class="basetxt"><B><A target="_blank"
href="mailto:yhzx599@vip.sina.com?Subject=i want to order usa">Buy Now</A></B></
SPAN></FONT></TD>
</TR>
<TR>
    <TD align="left" width="187" bgcolor="#0071e1" height="17"><FONT
color="#ffff00">Europe</FONT></TD>
    <TD align="middle" bgcolor="#0071e1" width="248" height="17"><FONT
color="#ffff00">&nbsp;236 Million Email Address</FONT></TD>
    <TD align="middle" bgcolor="#0071e1" height="17"><FONT color="#ffff00">$250
US</FONT></TD>
    <TD align="middle" bgcolor="#8000ff" width="149" height="17"><FONT
color="#ffff00"><A target="_blank" href="http://202.98.223.74/soft/html/wd/
europe.txt">free download</A></FONT></TD>
    <TD align="middle" bgcolor="#8000ff" width="84" height="17"><FONT
color="#ffff00"><SPAN class="basetxt"><B><A target="_blank"
href="mailto:yhzx599@vip.sina.com?Subject=i want to order europe">Buy Now</A></
B></SPAN></FONT></TD>
</TR>
<TR>
    <TD align="left" width="187" bgcolor="#0071e1" height="7"><FONT
color="#ffff00">Asia</FONT></TD>
    <TD align="middle" bgcolor="#0071e1" width="248" height="7"><FONT
color="#ffff00">&nbsp;228 Million Email Address</FONT></TD>
    <TD align="middle" bgcolor="#0071e1" height="7"><FONT color="#ffff00">$150
US</FONT></TD>
    <TD align="middle" bgcolor="#8000ff" width="149" height="7"><FONT
color="#ffff00"><A target="_blank" href="http://202.98.223.74/soft/html/wd/
asia.txt">free download</A></FONT></TD>
    <TD align="middle" bgcolor="#8000ff" width="84" height="7"><FONT

```

```

color="#ffff00"><SPAN class="basetxt"><B><A target="_blank"
href="mailto:yhzx599@vip.sina.com?Subject=i want to order asia">Buy Now</A></B></
SPAN></FONT></TD>
</TR>
<TR>
<TD align="left" width="187" bgcolor="#0071e1" height="11"><FONT
color="#ffff00">China(PRC)</FONT></TD>
<TD align="middle" bgcolor="#0071e1" width="248" height="11"><FONT
color="#ffff00">&nbsp;180 Million Email Address</FONT></TD>
<TD align="middle" bgcolor="#0071e1" height="11"><FONT color="#ffff00">$220
US</FONT></TD>
<TD align="middle" bgcolor="#8000ff" width="149" height="11"><FONT
color="#ffff00"><A target="_blank" href="http://202.98.223.74/soft/html/wd/
china.txt">free download</A></FONT></TD>
<TD align="middle" bgcolor="#8000ff" width="84" height="11"><FONT
color="#ffff00"><SPAN class="basetxt"><B><A target="_blank"
href="mailto:yhzx599@vip.sina.com?Subject=i want to order china">Buy Now</A></B></
SPAN></FONT></TD>
</TR>
<TR>
<TD align="left" width="187" bgcolor="#0071e1" height="8"><FONT
color="#ffff00">HongKong</FONT></TD>
<TD align="middle" bgcolor="#0071e1" width="248" height="8"><FONT
color="#ffff00">3.25 Million Email Address</FONT></TD>
<TD align="middle" bgcolor="#0071e1" height="8"><FONT color="#ffff00">$300
US</FONT></TD>
<TD align="middle" bgcolor="#8000ff" width="99" height="8"><FONT
color="#ffffff">1 million / $150</FONT></TD>
<TD align="middle" bgcolor="#8000ff" width="149" height="8"><FONT
color="#ffff00"><A target="_blank" href="http://202.98.223.74/soft/html/wd/
hk.txt">free download</A></FONT></TD>
<TD align="middle" bgcolor="#8000ff" width="84" height="8"><FONT
color="#ffff00"><SPAN class="basetxt"><B><A target="_blank"
href="mailto:yhzx599@vip.sina.com?Subject=i want to order hongkong">Buy Now</A></
B></SPAN></FONT></TD>
</TR>
<TR>
<TD align="left" width="187" bgcolor="#0071e1" height="18"><FONT
color="#ffff00">TaiWan &nbsp;</FONT></TD>
<TD align="middle" bgcolor="#0071e1" width="248" height="18"><FONT
color="#ffff00">2.25 Million Email Address</FONT></TD>
<TD align="middle" bgcolor="#0071e1" height="18"><FONT color="#ffff00">$250
US</FONT></TD>
<TD align="middle" bgcolor="#8000ff" width="99" height="18"><FONT
color="#ffffff">1 million / $150</FONT></TD>
<TD align="middle" bgcolor="#8000ff" width="149" height="18"><FONT
color="#ffff00"><A target="_blank" href="http://202.98.223.74/soft/html/wd/
taiwan.txt">free download</A></FONT></TD>

```


Buy Now</TD>																						
</TR>																						
<table border="1"> <tr> <td align="left" bgcolor="#0071e1" height="1" width="187">Japan</TD></td> <td align="middle" bgcolor="#0071e1" height="1" width="248">127 Million Email Address</TD></td> <td align="middle" bgcolor="#0071e1" height="1">\$220 US</TD></td> </tr> <tr> <td align="middle" bgcolor="#8000ff" rowspan="9" width="99"></TD></td> <td align="middle" bgcolor="#8000ff" height="1" width="149">free download</TD></td> <td align="middle" bgcolor="#8000ff" height="1" width="84">Buy Now</TD></td> </tr> <tr> <td></TR></td> <td></TR></td> </tr> <tr> <td align="left" bgcolor="#0071e1" height="10" width="187">Australia</TD></td> <td align="middle" bgcolor="#0071e1" height="10" width="248">6 Million Email Address</TD></td> <td align="middle" bgcolor="#0071e1" height="10">\$150 US</TD></td> </tr> <tr> <td align="middle" bgcolor="#8000ff" height="10" width="149">free download</TD></td> <td align="middle" bgcolor="#8000ff" height="10" width="84">Buy Now</TD></td> <td></TR></td> </tr> <tr> <td></TR></td> <td></TR></td> </tr> <tr> <td align="left" bgcolor="#0071e1" height="1" width="187">Canda</TD></td> <td align="middle" bgcolor="#0071e1" height="1" width="248">110 Million Email Address</TD></td> <td align="middle" bgcolor="#0071e1" height="1">\$150 US</TD></td> </tr> <tr> <td align="middle" bgcolor="#8000ff" height="1" width="149">free download</TD></td> <td align="middle" bgcolor="#8000ff" height="1" width="84"><A target="_blank"</td> <td></td> </tr> </table>	Japan</TD>	127 Million Email Address</TD>	\$220 US</TD>	</TD>	free download</TD>	Buy Now</TD>	</TR>	</TR>	Australia</TD>	6 Million Email Address</TD>	\$150 US</TD>	free download</TD>	Buy Now</TD>	</TR>	</TR>	</TR>	Canda</TD>	110 Million Email Address</TD>	\$150 US</TD>	free download</TD>	<A target="_blank"	
Japan</TD>	127 Million Email Address</TD>	\$220 US</TD>																				
</TD>	free download</TD>	Buy Now</TD>																				
	</TR>	</TR>																				
	Australia</TD>	6 Million Email Address</TD>	\$150 US</TD>																			
	free download</TD>	Buy Now</TD>	</TR>																			
	</TR>	</TR>																				
	Canda</TD>	110 Million Email Address</TD>	\$150 US</TD>																			
	free download</TD>	<A target="_blank"																				

```
href="mailto:yhzx599@vip.sina.com?Subject=i want to order canda">Buy Now</A></B></
SPAN></FONT></TD>
</TR>
<TR>
<TD align="left" width="187" bgcolor="#0071e1" height="11"><FONT
color="#ffff00">Russia</FONT></TD>
<TD align="middle" bgcolor="#0071e1" width="248" height="11"><FONT
color="#ffff00">68 Million Email Address</FONT></TD>
<TD align="middle" bgcolor="#0071e1" height="11"><FONT color="#ffff00">$120
US</FONT></TD>
<TD align="middle" bgcolor="#8000ff" width="149" height="11"><FONT
color="#ffff00"><A target="_blank" href="http://202.98.223.74/soft/html/wd/
russia.txt">free download</A></FONT></TD>
<TD align="middle" bgcolor="#8000ff" width="84" height="11"><FONT
color="#ffff00"><SPAN class="basetxt"><B><A target="_blank"
href="mailto:yhzx599@vip.sina.com?Subject=i want to order russia">Buy Now</A></
B></SPAN></FONT></TD>
</TR>
<TR>
<TD width="187" bgcolor="#0071e1" height="10"><FONT
color="#ffff00">England</FONT></TD>
<TD align="middle" bgcolor="#0071e1" width="248" height="10"><FONT
color="#ffff00">3.2 Million Email Address</FONT></TD>
<TD align="middle" bgcolor="#0071e1" height="10"><FONT color="#ffff00">$200
US</FONT></TD>
<TD align="middle" bgcolor="#8000ff" width="149" height="10"><FONT
color="#ffff00"><A target="_blank" href="http://202.98.223.74/soft/html/wd/
england.txt">free download</A></FONT></TD>
<TD align="middle" bgcolor="#8000ff" width="84" height="10"><FONT
color="#ffff00"><SPAN class="basetxt"><B><A target="_blank"
href="mailto:yhzx599@vip.sina.com?Subject=i want to order england">Buy Now</A></
B></SPAN></FONT></TD>
</TR>
<TR>
<TD width="187" bgcolor="#0071e1" height="8"><FONT color="#ffff00">German</
FONT></TD>
<TD align="middle" bgcolor="#0071e1" width="248" height="8"><FONT
color="#ffff00">120 Million Email Address</FONT></TD>
<TD align="middle" bgcolor="#0071e1" height="8"><FONT color="#ffff00">$220
US</FONT></TD>
<TD align="middle" bgcolor="#8000ff" width="149" height="8"><FONT
color="#ffff00"><A target="_blank" href="http://202.98.223.74/soft/html/wd/
german.txt">free download</A></FONT></TD>
<TD align="middle" bgcolor="#8000ff" width="84" height="8"><FONT
color="#ffff00"><SPAN class="basetxt"><B><A target="_blank"
href="mailto:yhzx599@vip.sina.com?Subject=i want to order german">Buy Now</A></
B></SPAN></FONT></TD>
</TR>
```

<div> <div>France</div> <div>78 Million Email Address</div> <div>\$150 US</div> <div> free download </div> <div> Buy Now </div> </div>
<div> <div>India</div> <div>12 Million Email Address</div> <div>\$120 US</div> <div> free download </div> <div> Buy Now </div> </div>
<div> <div>other Country or Area</div> <div>400 Million Email Address</div> <div>\$220 US</div> <div> free download </div> <div> Buy Now </div> </div>
<div> <div>All 136 nations , 40 trades email</div> </div>

lists total price <U>\$500 US</U> Buy Now</TD>
</TR>
</TBODY>
</TABLE>
</CENTER>
</DIV>
<DIV align="center">
<CENTER></CENTER></DIV><P>

order please click here go to website

the silver star internet information Company
in China

Tel:0086-0816-6623109

Fax:0086-0816-2210496

email:yhzx599@vip.sina.com

Company address: MianYang City Sichuan Province
in China

copyright@2002-2003 all reserved
 </P>
</BODY>

From bounce-message-839@lists.tappr.org Sat May 24 02:50:33 2003
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.16) with SMTP id CAA01019
for <lyris.aprsnews@tappr.org>; Sat, 24 May 2003 02:50:33 -0500 (CDT)
Message-Id: <LYR839-134143-2003.05.24-03.42.14--
lyris.aprsnews#tappr.org@lists.tappr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tappr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tappr.org>
To: lyris.aprsnews@tappr.org
Subject: Your confirmation is needed (ok 839)
Date: Sat, 24 May 2003 03:42:14 -0500

Your email address 'lyris.aprsnews@tappr.org' has been submitted to be
unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tappr.org

You will receive notification that your confirmation has been received, and that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the mailing list.

Return-Path: <webmaster@2to2.net>
Received: from ([61.130.173.42]) by lists.tappr.org with SMTP (Lyris Server version 3.0); Sat, 24 May 2003 03:41:38 -0500
From: webmaster@2to2.net
Subject:
To: aprsnews-request
Date: Sat, 24 May 2003 15:47:18 +0800
X-Priority: 3
X-Mailer: CSM2.8

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tappr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <webmaster@2to2.net>
Received: from ([61.130.173.42]) by lists.tappr.org with SMTP (Lyris Server version 3.0); Sat, 24 May 2003 03:41:38 -0500
From: webmaster@2to2.net
Subject: =?GB2312?B?yrPGt8asv04=?=
To: leave-aprsnews-839e@lists.tappr.org
Date: Sat, 24 May 2003 15:47:18 +0800
X-Priority: 3
X-Mailer: CSM2.8

µÁªØæ#""≤ø»'v°Œ™æfiªØ°ØŒ≈ø€Œæ¿°"væ#""Σ÷π'ÀæµÁªØæ#""≤øŒ" «"ª°"°Ø... '≤'°œæ' €"/
"ªÃÂµfµ•Œª. °°Œª"/' „Ω#¿vø¬...ΩΩ≈œ¬æfiªØπ...Σ>π'ÀæµÁªØ
≥Œf/'Œ"ΩªŒ°±„¿°. °°°°÷~""≤'ΔΣŒ™Π~÷÷πÊΠŒµfΔ"°Ó°œΠ~÷÷PVC"İ-Œ≤f°∞PVC;ŒŒ"µ»°Œ «' „Ω# °Œª"ªµf ≥ΔΣÃİ°"
°;Δ"°Ó... '≤'≥Œ°""°Œ

≤'ΔΣΩĖ...<
°§ ≥ΔΣΔ"°ó
...≤'πĖf£££ '¬≤';ø500°'1000t
fĪ ≤';ø£f6000°'12000t

°§π§"μΔ"°ó
...≤'πĖf£££ '¬≤';ø500°'1000t
fĪ ≤';ø£f6000°'12000t

°§PVC-Ō≤f
Π~÷÷¥∞πĪ,...¥¥∞¥∞øŪ.

°§PVC;£ó"
Π~÷÷πĖΠòμfPVC;£ó"

<http://www.qhdh.com>

æfiªø°ŌŌ≈ø£fæ¿°"√æ#""™Σ÷π'ÀæμÁªøæ#""™≤ø
μÿ÷Σ£f'„Ω#æfiªøπ...Σ>π'Àæ°°" ±†£f324004
μÁª∞£f0570-3094427°°°°Email£fjyb@qhdh.com

From bounce-message-839@lists.tapr.org Sat May 24 05:31:37 2003
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.16) with SMTP id FAA04481
for <lyris.aprsnews@tapr.org>; Sat, 24 May 2003 05:31:36 -0500 (CDT)
Message-Id: <LYR839-134150-2003.05.24-06.23.49--
lyris.aprsnews#tapr.org@lists.tapr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tapr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tapr.org>
To: lyris.aprsnews@tapr.org
Subject: Your confirmation is needed (ok 839)
Date: Sat, 24 May 2003 06:23:49 -0500

Your email address 'lyris.aprsnews@tapr.org' has been submitted to be
unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be
unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that
the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tapr.org

You will receive notification that your confirmation has been received, and that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the mailing list.

Return-Path: <bs020@2to2.net>
Received: from ([61.130.173.42]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Sat, 24 May 2003 06:23:40 -0500
From: bs020@2to2.net
Subject:
To: aprsnews-request
Content-Type: multipart/alternative;
boundary="=_NextPart_000_0018_01C1A1B3.E2C7FE20"
MIME-Version: 1.0
Date: Sat, 24 May 2003 18:29:19 +0800
X-Priority: 3
X-Mailer: CSM2.8

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tapr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <bs020@2to2.net>
Received: from ([61.130.173.42]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Sat, 24 May 2003 06:23:40 -0500
From: bs020@2to2.net
Subject: =?GB2312?B?08Ph6dbdtefQxdb3uMnN+LXE1NrP390wyt0jrK0so6zLrCE=?=
To: subscribe-aprsnews@lists.tapr.org
Content-Type: multipart/alternative;
boundary="=_NextPart_000_0018_01C1A1B3.E2C7FE20"
MIME-Version: 1.0
Date: Sat, 24 May 2003 18:29:19 +0800
X-Priority: 3
X-Mailer: CSM2.8

This is a multi-part message in MIME format

--=_NextPart_000_0018_01C1A1B3.E2C7FE20

Content-Type: text/plain

Content-Transfer-Encoding: quoted-printable

=D5=E2=CA=C7=D2=BB=B8=F6HTML=B8=F1=CA=BD=B5=C4=D3=CA=BC=FE

--=_NextPart_000_0018_01C1A1B3.E2C7FE20

Content-Type: text/html

Content-Transfer-Encoding: quoted-printable

<HTML><HEAD></HEAD><FRAMESET border=3D0 frameBorder=3D0 frameSpacing=3D0=
rows=3D100%,*><FRAME marginHeight=3D5 marginWidth=3D10=20
name=3Deasymain src="http://ftp.tapr.org/software_library/aprs/aprsnews/
3D"http://movie.zxsh.com/""></FRAMESET>

--=_NextPart_000_0018_01C1A1B3.E2C7FE20--

From zsx78790rp@yahoo.com.hk Sat May 24 09:14:09 2003

Received: from mx1.mail.twtelecom.net (mx1.mail.twtelecom.net [207.250.222.220])

by tapr.org (8.9.3/8.9.3/1.16) with ESMTP id JAA10068;

Sat, 24 May 2003 09:14:09 -0500 (CDT)

Received: from 207.250.222.220 (unknown [218.242.25.196])

by mx1.mail.twtelecom.net (Postfix) with SMTP

id 729CE5337A; Sat, 24 May 2003 09:14:47 -0500 (CDT)

Received: from [203.80.6.124] by 207.250.222.220 with ESMTP id 28805741 for

<lyris.aprsnews@tapr.org>; Tue, 05 Feb 2002 14:33:18 -0700

Message-ID: <5\$h45ls96\$82\$k@29klrb>

From: "Delia Larkin" <zsx78790rp@yahoo.com.hk>

To: lyris.aprsnews@tapr.org

Cc: <n2wx@tapr.org>, <n8gnj@tapr.org>, <tapr@tapr.org>

Subject: Re: Your Debt tgj

Date: Tue, 05 Feb 02 14:33:18 GMT

X-Mailer: Microsoft Outlook Express 5.50.4522.1200

MIME-Version: 1.0

Content-Type: multipart/alternative;

boundary="9E_D2F0___"

X-Priority: 3

X-MSMail-Priority: Normal

This is a multi-part message in MIME format.

--9E_D2F0___

Content-Type: text/html;

Content-Transfer-Encoding: quoted-printable

<html><head>

<title>malign</title></head><body>

<p>Lyris.aprsnews

<p><center><a href=3D"http://scripture:yawn@www.mortgagelowrate=
s.net/Debt/index.htm">

<img border=3D"0" src=3D"http://exploit:lakeside@www.mortgagelowr=
ates.net/pc1.jpg" width=3D"349" height=3D"230">

</center>
<p>
<a href="http://ftp.tapr.org/software_library/aprs/aprsnews/3D"http://
spatula:impatient@www.mortgagelowrates.net/Debt/=" remove.php">No mail!</p>
foursvbxyy qv
mpknbetixp gk
w fsy
f
jnbutkzpzp rp o y axp rjxhtmlf
lbrpoabryqkt
</body></html>
qi chxewhsfo
z m a v zjm tpykrs
tmval as z

--9E_D2F0___--

From bounce-message-839@lists.tapr.org Sat May 24 10:09:03 2003
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.16) with SMTP id KAA11985
for <lyris.aprsnews@tapr.org>; Sat, 24 May 2003 10:09:02 -0500 (CDT)
Message-Id: <LYR839-134183-2003.05.24-11.01.16--
lyris.aprsnews#tapr.org@lists.tapr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tapr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tapr.org>
To: lyris.aprsnews@tapr.org
Subject: Your confirmation is needed (ok 839)
Date: Sat, 24 May 2003 11:01:16 -0500

Your email address 'lyris.aprsnews@tapr.org' has been submitted to be
unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be
unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that
the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tapr.org

You will receive notification that your confirmation has been received, and
that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the

mailing list.

Return-Path: <&>
Received: from 79.06.23.24 ([218.17.9.19]) by lists.tapir.org with SMTP (Lyris Server version 3.0); Sat, 24 May 2003 10:57:30 -0500
From: & <&>
To: aprsnews-request
Reply-To: &
Subject:
Date: Sat, 24 May 2003 23:06:27 +0800
MIME-Version: 1.0
Content-Type: multipart/mixed; boundary="ec383bba-61f3-437b-b801-f0beed14da2a"

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tapir.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <&>
Received: from 79.06.23.24 ([218.17.9.19]) by lists.tapir.org with SMTP (Lyris Server version 3.0); Sat, 24 May 2003 10:57:30 -0500
From: & <&>
To: leave-aprsnews-839e@lists.tapir.org
Reply-To: &
Subject: Provide Mobile Phone Battery And Other Battery
Date: Sat, 24 May 2003 23:06:27 +0800
MIME-Version: 1.0
Content-Type: multipart/mixed; boundary="ec383bba-61f3-437b-b801-f0beed14da2a"

This is a multi-part message in MIME format

--ec383bba-61f3-437b-b801-f0beed14da2a
Content-Type: text/plain; charset=gb2312
Content-Transfer-Encoding: quoted-printable

Dear Sir or Madam:

This information is come from China .

Shenzhen Stone Electronics Co.,Ltd., headed by a team of battery experts and =
experienced senior electronics designers,is a professional manufacturer for =
portable power.Suported by high advanced production facilities and testing =
equipments,we produce rechargeable Li-lon. Ni-MH, alkalescent batteries and =
battery packs appied for cellular phones,cordless phones,radio,mp3,digital =

camera,portable PDA,VCD/DVD player,notebook,emergency lighting, power =
tool,R/C toys and other state-of-the-art devices,As a total solution provider =
for portable power,we design and produce kinds of chargers and power =
management circuits according to customer's requirements.

Factory area:3,000m2

Skilled worders: 200

Senior R&D staff: 6

Engineering Staff: 5

Annual Output: 30 million Pcs

Quality system: ISO9002

"Same quality level,We have more comperitive price;same price,we have higher =
quality level" is one of the important reasons than our customers cooperate =
with us .Choose a partner,not only a supplier!

YOUR ANY ENQUIRY ARE WELCOME !

Contact person : Mr.Wei

E-MAIL : yuqingqing@vip.sina.com ;

Shenzhen Stone Electronics Co., Ltd.

Industrial Rd.(w) , Longhua , Shenzhen , Guangdong , China

TEL: 86-755-28116152 (DIRECT LINE)

FAX: 86-755-28116153

DEMO=B0=E6=B1=BE=B7=A2=CB=CD

--ec383bba-61f3-437b-b801-f0beed14da2a--

From &@mx2.mail.twtelecom.net Sat May 24 11:06:12 2003

Received: from mx2.mail.twtelecom.net (mx2.mail.twtelecom.net [207.250.222.228]
(may be forged))

by tapr.org (8.9.3/8.9.3/1.16) with ESMTP id LAA13437

for <lyris.aprsnews@tapr.org>; Sat, 24 May 2003 11:06:12 -0500 (CDT)

Received: from 10.07.13.25 (unknown [218.17.9.19])

by mx2.mail.twtelecom.net (Postfix) with SMTP id CCA10794A5

for <lyris.aprsnews@tapr.org>; Sat, 24 May 2003 11:04:26 -0500 (CDT)

From: & <&@mx2.mail.twtelecom.net>

To: lyris.aprsnews@tapr.org
Reply-To: &@mx2.mail.twtelecom.net
Subject: Provide Mobile Phone Battery And Other Battery
Date: Sun, 25 May 2003 00:07:32 +0800
MIME-Version: 1.0
Content-Type: multipart/mixed; boundary="18c590d0-0d8c-433b-a426-3fc8cc05227d"
Message-Id: <20030524160426.CCA10794A5@mx2.mail.twtelecom.net>

This is a multi-part message in MIME format
--18c590d0-0d8c-433b-a426-3fc8cc05227d
Content-Type: text/plain; charset=gb2312
Content-Transfer-Encoding: quoted-printable

Dear Sir or Madam:

This information is come from China .

Shenzhen Stone Electronics Co.,Ltd., headed by a team of battery experts and =
experienced senior electronics designers,is a professional manufacturer for =
portable power.Suported by high advanced production facilities and testing =
equipments,we produce rechargeable Li-Ion. Ni-MH, alkaliescent batteries and =
battery packs appied for cellular phones, cordless phones, radio, mp3, digital =
camera, portable PDA, VCD/DVD player, notebook, emergency lighting, power =
tool, R/C toys and other state-of-the-art devices, As a total solution provider =
for portable power, we design and produce kinds of chargers and power =
management circuits according to customer's requirements.

Factory area: 3,000m²

Skilled worders: 200

Senior R&D staff: 6

Engineering Staff: 5

Annual Output: 30 million Pcs

Quality system: ISO9002

"Same quality level, We have more comperitive price; same price, we have higher =
quality level" is one of the important reasons than our customers cooperate =
with us . Choose a partner, not only a supplier!

YOUR ANY ENQUIRY ARE WELCOME !

Contact person : Mr. Wei

E-MAIL : yuqingqing@vip.sina.com ;

Shenzhen Stone Electronics Co., Ltd.

Industrial Rd.(w) , Longhua , Shenzhen , Guangdong , China

TEL: 86-755-28116152 (DIRECT LINE)

FAX: 86-755-28116153

DEMO=B0=E6=B1=BE=B7=A2=CB=CD

--18c590d0-0d8c-433b-a426-3fc8cc05227d--

From bounce-message-839@lists.tappr.org Sat May 24 16:48:02 2003
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.16) with SMTP id QAA25132
for <lyris.aprsnews@tappr.org>; Sat, 24 May 2003 16:48:02 -0500 (CDT)
Message-Id: <LYR839-134240-2003.05.24-17.40.27--
lyris.aprsnews#tappr.org@lists.tappr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tappr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tappr.org>
To: lyris.aprsnews@tappr.org
Subject: Your confirmation is needed (ok 839)
Date: Sat, 24 May 2003 17:40:27 -0500

Your email address 'lyris.aprsnews@tappr.org' has been submitted to be
unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be
unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that
the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tappr.org

You will receive notification that your confirmation has been received, and
that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the
mailing list.

Return-Path: <webmaster@2to2.net>
Received: from ([61.130.173.42]) by lists.tappr.org with SMTP (Lyris Server
version 3.0); Sat, 24 May 2003 17:40:21 -0500

From: =?GB2312?B?savKpA==?= <webmaster@2to2.net>
Subject:
To: aprsnews-request
Content-Type: text/plain; charset="GB2312"
Reply-To: webmaster
Date: Sun, 25 May 2003 05:45:59 +0800
X-Priority: 2
X-Mailer: FoxMail 3.11 Release [cn]

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tapr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <webmaster@2to2.net>
Received: from ([61.130.173.42]) by lists.tapr.org with SMTP (Lyris Server
version 3.0); Sat, 24 May 2003 17:40:21 -0500
From: =?GB2312?B?savKpA==?= <webmaster@2to2.net>
Subject: =?GB2312?B?yrPGt8asv04=?=
To: leave-aprsnews-839e@lists.tapr.org
Content-Type: text/plain; charset="GB2312"
Reply-To: webmaster
Date: Sun, 25 May 2003 05:45:59 +0800
X-Priority: 2
X-Mailer: FoxMail 3.11 Release [cn]

μÁªØæ#""™≤ø»'v°Œ™æfiªØ°ØŒ≈øŒŒæŒ°""væ#""™Σ÷π'ÀæμÁªØæ#""™≤øŒ° «"ª°""Ø... '≤'°Œæ' €",'
"ªÃÂμfμ•Œª. °°Œª"/' ,Ω#;vø¬...ΩΩ≈œ¬æfiªØπ...Σ>π'ÀæμÁªØ
≥Œf/Œ°ΩªŒ°±,,Œ°.
°°°°÷~""™≤'ΔΣŒ™Π~÷÷πÊΠðμfΔ°°ó°ŒΠ~÷÷PVC"İ-Œ≤f°°PVC;Œø"μ»°Œ «',Ω# °Œª""ªμf ≥ΔΣÃİ°"
°;Δ°°ó... '≤'≥Œ°""Œ

≤'ΔΣΩÈ...<
°§ ≥ΔΣΔ°°ó
... '≤'πÊfŒŒŒŒ '¬≤';ø500°'1000t
fİ ≤' ;øŒŒ6000°'12000t

°§π§"μΔ°°ó
... '≤'πÊfŒŒŒŒ '¬≤';ø500°'1000t
fİ ≤' ;øŒŒ6000°'12000t

°§PVC-Œ≤f
Π~÷÷Œ°πİ, ...ŒŒ°Œ°øŒ.

°§PVC;Œø"
Π~÷÷πÊΠðμfPVC;Œø"

<http://www.qhdh.com>

æfi°Ø°ØÕ≈∅€ƒæ¿°''væ#''™Σ÷π'ÀæμÁ°Øæ#''™≤∅
μÿ÷Σ€ƒ'„Ω#æfi°Øπ...Σ>π'Àæ°°'' ±‡€ƒ324004
μÁ°∞€ƒ0570-3094427°°°°Email€ƒjyb@qhdh.com

From bounce-message-839@lists.tappr.org Sun May 25 08:45:55 2003
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.16) with SMTP id IAA19120
for <lyris.aprsnews@tappr.org>; Sun, 25 May 2003 08:45:54 -0500 (CDT)
Message-Id: <LYR839-134314-2003.05.25-09.38.16--
lyris.aprsnews#tappr.org@lists.tappr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tappr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tappr.org>
To: lyris.aprsnews@tappr.org
Subject: Your confirmation is needed (ok 839)
Date: Sun, 25 May 2003 09:38:16 -0500

Your email address 'lyris.aprsnews@tappr.org' has been submitted to be
unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be
unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that
the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tappr.org

You will receive notification that your confirmation has been received, and
that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the
mailing list.

Return-Path: <webmaster@2to2.net>
Received: from ([61.130.173.42]) by lists.tappr.org with SMTP (Lyris Server
version 3.0); Sun, 25 May 2003 09:38:11 -0500
From: webmaster@2to2.net
Subject:
To: aprsnews-request
Content-Type: text/plain;
Sender: webmaster@2to2.net

Date: Sun, 25 May 2003 21:43:39 +0800
X-Priority: 3
X-Library: Caretop Library
X-Mailer: Caretop 2604

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tapr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <webmaster@2to2.net>
Received: from ([61.130.173.42]) by lists.tapr.org with SMTP (Lyris Server
version 3.0); Sun, 25 May 2003 09:38:11 -0500
From: webmaster@2to2.net
Subject: =?GB2312?B?y9HL99L9x+a088ir?=
To: leave-aprsnews-839e@lists.tapr.org
Content-Type: text/plain;
Sender: webmaster@2to2.net
Date: Sun, 25 May 2003 21:43:39 +0800
X-Priority: 3
X-Library: Caretop Library
X-Mailer: Caretop 2604

~"»ØΔΥΥ http://www.2to2.net ~æφÕΔπ,, " °.»fΣφæμÕ≥£f

À-À~""«ÊΥÛ»'
http://www.2to2.net/ss

~"»ØΔΥΥ π<¿Î'±£f~"ΣÁ

=====
Πν" ° π"ν øΔÃÿ" °.»fΣφ»Î° ΣφÃÕ," °.f/'»»"ÎøΔÃÿ»Î°£fπÿ
øΔÃÿ»Î° http://www.caretop.com
=====

From bounce-message-839@lists.tapr.org Sun May 25 13:10:07 2003
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.16) with SMTP id NAA27501
for <lyris.aprsnews@tapr.org>; Sun, 25 May 2003 13:10:06 -0500 (CDT)
Message-Id: <LYR839-134374-2003.05.25-14.01.39--
lyris.aprsnews#tapr.org@lists.tapr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tapr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tapr.org>

To: lyris.aprsnews@tapr.org
Subject: Your confirmation is needed (ok 839)
Date: Sun, 25 May 2003 14:01:39 -0500

Your email address 'lyris.aprsnews@tapr.org' has been submitted to be unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tapr.org

You will receive notification that your confirmation has been received, and that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the mailing list.

Return-Path: <klox0@klklx.com>
Received: from ([220.197.49.48]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Sun, 25 May 2003 14:00:37 -0500
From: "klox0@klklx.com" <klox0@klklx.com>
Subject:
To: aprsnews-request
Content-Type: text/html; charset="GB2312"
Reply-To: klox0@klklx.com
Date: Mon, 26 May 2003 01:46:47 +0800
X-Priority: 3
X-Mailer: Microsoft Outlook Express 5.00.2615.200

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tapr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <klox0@klklx.com>
Received: from ([220.197.49.48]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Sun, 25 May 2003 14:00:37 -0500
From: "klox0@klklx.com" <klox0@klklx.com>
Subject: Email marketing
To: leave-aprsnews-839e@lists.tapr.org

Content-Type: text/html; charset="GB2312"
Reply-To: klox0@klklx.com
Date: Mon, 26 May 2003 01:46:47 +0800
X-Priority: 3
X-Mailer: Microsoft Outlook Express 5.00.2615.200

<STYLE type="text/css">

<!--

TD{

font-size : 12px;

}

FONT{

font-size : 12px;

}

A{

color : yellow;

}

-->

</STYLE>

</HEAD>

<BODY>

<TABLE width="916" border="0">

<TBODY>

<TR>

<TD width="208" bgcolor="#000099" height="134"><B style="FONT-SIZE: 43px">Email Marketing</TD>

<TD width="698" bgcolor="#0080ff" height="134"><U>Email more than 2,500,000+ TARGETED prospects

EVERYDAY!</U> That's over 75,000,000+ prospects per month (and growing!). Our Optin email safelists

are 100% Optin and 100% legal to use. Your ad will reach only those prospects who have requested to be included in Optin safelists

for people interested in <U>new business opportunities, products and services.

</U> Welcome to my Email Marketing Page, if your thinking about sending email for advertising <B style="BACKGROUND-COLOR: #0080ff">email us yhzx599@vip.sina.com<U></U> I will help you figure out what kind of email campaign you need for your product,

```

        I send bulk email for you. I also sell a
        fax database for fax blasting,</FONT></B></TD>
    </TR>
</TBODY>
</TABLE>
<P align="center"><BR>
</P>
<P align="center"><I><U><FONT style="FONT-SIZE: 21px" face="Arial" color="#ff0000"
size="4">Products</FONT></U></I></P>
<DIV align="center">
<CENTER>
<TABLE id="AutoNumber8" height="380" cellpadding="1" width="858" border="0">
    <TBODY>
        <TR>
            <TD bgcolor="#000000" colspan="6" height="26">
                <P align="center">&nbsp;<B><FONT style="FONT-SIZE: 21px" color="#ffffff"
size="5">World Email Lists</FONT></B></P>
            </TD>
        </TR>
        <TR>
            <TD align="middle" width="187" bgcolor="#000099" height="39"><FONT
color="#ffffff">Country or area</FONT></TD>
            <TD align="middle" bgcolor="#000099" height="39" width="248"><FONT
color="#ffffff">total emails</FONT></TD>
            <TD align="middle" bgcolor="#000099" height="39"><FONT color="#ffffff">total
price</FONT></TD>
            <TD align="middle" bgcolor="#000099" height="39" width="99"><FONT
color="#ffffff">average price</FONT></TD>
            <TD align="middle" bgcolor="#000099" height="39" width="149"><FONT
color="#ffffff">free download sample</FONT></TD>
            <TD align="middle" bgcolor="#000099" height="39" width="84"><FONT
color="#ffffff">order</FONT></TD>
        </TR>
        <TR>
            <TD align="left" width="187" bgcolor="#0071e1" height="11"><FONT
color="#ffff00">America</FONT></TD>
            <TD align="middle" bgcolor="#0071e1" width="248" height="11"><FONT
color="#ffff00">&nbsp;&nbsp;&nbsp;175 Million Email Address</FONT></TD>
            <TD align="middle" bgcolor="#0071e1" height="11"><FONT color="#ffff00">$220
US</FONT></TD>
            <TD align="middle" bgcolor="#8000ff" rowspan="4" width="99"></TD>
            <TD align="middle" bgcolor="#8000ff" width="149" height="11"><FONT
color="#ffff00"><A target="_blank" href="http://202.98.223.74/soft/html/wd/
usa.txt">free download</A></FONT></TD>
            <TD align="middle" bgcolor="#8000ff" width="84" height="11"><FONT
color="#ffff00"><SPAN class="basetxt"><B><A target="_blank"
href="mailto:yhzx599@vip.sina.com?Subject=i want to order usa">Buy Now</A></B></
SPAN></FONT></TD>

```

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</TR>
<TR>
  <TD align="left" width="187" bgcolor="#0071e1" height="17"><FONT
color="#ffff00">Europe</FONT></TD>
  <TD align="middle" bgcolor="#0071e1" width="248" height="17"><FONT
color="#ffff00">&nbsp;236 Million Email Address</FONT></TD>
  <TD align="middle" bgcolor="#0071e1" height="17"><FONT color="#ffff00">$250
US</FONT></TD>
  <TD align="middle" bgcolor="#8000ff" width="149" height="17"><FONT
color="#ffff00"><A target="_blank" href="http://202.98.223.74/soft/html/wd/
europe.txt">free download</A></FONT></TD>
  <TD align="middle" bgcolor="#8000ff" width="84" height="17"><FONT
color="#ffff00"><SPAN class="basetxt"><B><A target="_blank"
href="mailto:yhzx599@vip.sina.com?Subject=i want to order europe">Buy Now</A></
B></SPAN></FONT></TD>
</TR>
<TR>
  <TD align="left" width="187" bgcolor="#0071e1" height="7"><FONT
color="#ffff00">Asia</FONT></TD>
  <TD align="middle" bgcolor="#0071e1" width="248" height="7"><FONT
color="#ffff00">&nbsp;228 Million Email Address</FONT></TD>
  <TD align="middle" bgcolor="#0071e1" height="7"><FONT color="#ffff00">$150
US</FONT></TD>
  <TD align="middle" bgcolor="#8000ff" width="149" height="7"><FONT
color="#ffff00"><A target="_blank" href="http://202.98.223.74/soft/html/wd/
asia.txt">free download</A></FONT></TD>
  <TD align="middle" bgcolor="#8000ff" width="84" height="7"><FONT
color="#ffff00"><SPAN class="basetxt"><B><A target="_blank"
href="mailto:yhzx599@vip.sina.com?Subject=i want to order asia">Buy Now</A></B></
SPAN></FONT></TD>
</TR>
<TR>
  <TD align="left" width="187" bgcolor="#0071e1" height="11"><FONT
color="#ffff00">China(PRC)</FONT></TD>
  <TD align="middle" bgcolor="#0071e1" width="248" height="11"><FONT
color="#ffff00">&nbsp;180 Million Email Address</FONT></TD>
  <TD align="middle" bgcolor="#0071e1" height="11"><FONT color="#ffff00">$220
US</FONT></TD>
  <TD align="middle" bgcolor="#8000ff" width="149" height="11"><FONT
color="#ffff00"><A target="_blank" href="http://202.98.223.74/soft/html/wd/
china.txt">free download</A></FONT></TD>
  <TD align="middle" bgcolor="#8000ff" width="84" height="11"><FONT
color="#ffff00"><SPAN class="basetxt"><B><A target="_blank"
href="mailto:yhzx599@vip.sina.com?Subject=i want to order china">Buy Now</A></B></
SPAN></FONT></TD>
</TR>
<TR>
  <TD align="left" width="187" bgcolor="#0071e1" height="8"><FONT

```

```

color="#ffff00">HongKong</FONT></TD>
    <TD align="middle" bgcolor="#0071e1" width="248" height="8"><FONT
color="#ffff00">3.25 Million Email Address</FONT></TD>
    <TD align="middle" bgcolor="#0071e1" height="8"><FONT color="#ffff00">$300
US</FONT></TD>
    <TD align="middle" bgcolor="#8000ff" width="99" height="8"><FONT
color="#ffffff">1 million / $150</FONT></TD>
    <TD align="middle" bgcolor="#8000ff" width="149" height="8"><FONT
color="#ffff00"><A target="_blank" href="http://202.98.223.74/soft/html/wd/
hk.txt">free download</A></FONT></TD>
    <TD align="middle" bgcolor="#8000ff" width="84" height="8"><FONT
color="#ffff00"><SPAN class="basetxt"><B><A target="_blank"
href="mailto:yhzx599@vip.sina.com?Subject=i want to order hongkong">Buy Now</A></
B></SPAN></FONT></TD>
</TR>
<TR>
    <TD align="left" width="187" bgcolor="#0071e1" height="18"><FONT
color="#ffff00">TaiWan &nbsp;  </FONT></TD>
    <TD align="middle" bgcolor="#0071e1" width="248" height="18"><FONT
color="#ffff00">2.25 Million Email Address</FONT></TD>
    <TD align="middle" bgcolor="#0071e1" height="18"><FONT color="#ffff00">$250
US</FONT></TD>
    <TD align="middle" bgcolor="#8000ff" width="99" height="18"><FONT
color="#ffffff">1 million / $150</FONT></TD>
    <TD align="middle" bgcolor="#8000ff" width="149" height="18"><FONT
color="#ffff00"><A target="_blank" href="http://202.98.223.74/soft/html/wd/
taiwan.txt">free download</A></FONT></TD>
    <TD align="middle" bgcolor="#8000ff" width="84" height="18"><FONT
color="#ffff00"><SPAN class="basetxt"><B><A target="_blank"
href="mailto:yhzx599@vip.sina.com?Subject=i want to order taiwan">Buy Now</A></
B></SPAN></FONT></TD>
</TR>
<TR>
    <TD align="left" width="187" bgcolor="#0071e1" height="1"><FONT
color="#ffff00">Japan</FONT></TD>
    <TD align="middle" bgcolor="#0071e1" width="248" height="1"><FONT
color="#ffff00">127 Million Email Address</FONT></TD>
    <TD align="middle" bgcolor="#0071e1" height="1"><FONT color="#ffff00">$220
US</FONT></TD>
    <TD align="middle" bgcolor="#8000ff" rowspan="9" width="99"></TD>
    <TD align="middle" bgcolor="#8000ff" width="149" height="1"><FONT
color="#ffff00"><A target="_blank" href="http://202.98.223.74/soft/html/wd/
japan.txt">free download</A></FONT></TD>
    <TD align="middle" bgcolor="#8000ff" width="84" height="1"><FONT
color="#ffff00"><SPAN class="basetxt"><B><A target="_blank"
href="mailto:yhzx599@vip.sina.com?Subject=i want to order japan">Buy Now</A></B></
SPAN></FONT></TD>
</TR>

```

<div> <div>Australia</div> <div>6 Million Email Address</div> <div>\$150 US</div> <div> free download </div> <div> <div>Buy Now</div> </div> </div>
<div> <div>Canda</div> <div>110 Million Email Address</div> <div>\$150 US</div> <div> free download </div> <div> <div>Buy Now</div> </div> </div>
<div> <div>Russia</div> <div>68 Million Email Address</div> <div>\$120 US</div> <div> free download </div> <div> <div>Buy Now</div> </div> </div>
<div> <div>England</div> </div>

3.2 Million Email Address</TD>	\$200 US</TD>	
free download</TD>	Buy Now</TD>	
</TR>		
<TR>		
German</TD>	120 Million Email Address</TD>	
\$220 US</TD>	free download</TD>	
Buy Now</TD>	</TR>	
<TR>		
France</TD>	78 Million Email Address</TD>	
\$150 US</TD>	free download</TD>	
Buy Now</TD>	</TR>	
<TR>		
India</TD>	12 Million Email Address</TD>	
\$120		

```
<US</FONT>></TD>  
    <TD align="middle" bgcolor="#8000ff" width="149" height="7"><FONT  
color="#ffff00"><A target="_blank" href="http://202.98.223.74/soft/html/wd/  
india.txt">free download</A></FONT></TD>  
    <TD align="middle" bgcolor="#8000ff" width="84" height="7"><FONT  
color="#ffff00"><SPAN class="basetxt"><B><A target="_blank"  
href="mailto:yhzx599@vip.sina.com?Subject=i want to order india">Buy Now</A></B></  
SPAN></FONT></TD>  
</TR>  
<TR>  
    <TD width="187" bgcolor="#0071e1" height="16"><FONT color="#ffff00">other  
Country or Area</FONT></TD>  
    <TD align="middle" bgcolor="#0071e1" width="248" height="16"><FONT  
color="#ffff00">400 Million Email Address</FONT></TD>  
    <TD align="middle" bgcolor="#0071e1" height="16"><FONT color="#ffff00">$220  
US</FONT></TD>  
    <TD align="middle" bgcolor="#8000ff" width="149" height="16"><FONT  
color="#ffff00"><A target="_blank" href="http://202.98.223.74/soft/html/wd/  
wd.txt">free download</A></FONT></TD>  
    <TD align="middle" bgcolor="#8000ff" width="84" height="16"><FONT  
color="#ffff00"><SPAN class="basetxt"><B><A target="_blank"  
href="mailto:yhzx599@vip.sina.com?Subject=i want to order india">Buy Now</A></B></  
SPAN></FONT></TD>  
</TR>  
<TR>  
    <TD bgcolor="#000099" colspan="6" height="14"><FONT color="#ffffff"><B><FONT  
style="FONT-SIZE: 21px" size="+1">All 136 nations , 40 trades email  
lists&nbsp;&nbsp;&total&nbsp;&nbsp;&price</FONT></B>&nbsp;&nbsp;&;&nbsp;&nbsp;&<U><B><FONT style="FONT-SIZE:  
21px" face="Arial" color="#ff0000">$</FONT><FONT style="FONT-SIZE: 21px"  
face="Arial" color="#ff0000">500 US</FONT></B></U> &nbsp;&nbsp;&;&nbsp;&nbsp;&  
&nbsp;&nbsp;&<SPAN class="basetxt"><B><A target="_blank"  
href="mailto:yhzx599@vip.sina.com?Subject=i want to order all email">Buy Now</A></  
B></SPAN></FONT></TD>  
</TR>  
</TBODY>  
</TABLE>  
</CENTER>  
</DIV>  
<DIV align="center">  
<CENTER></CENTER></DIV><P><BR>  
<A href="http://202.98.223.74/soft/html/wd/wd.htm" target="_blank" style="font-  
size : 21px;"><B><FONT size="+1" color="#000099" style="font-size : 25px;"  
face="Lucida Sans Unicode">order please click here go to website</FONT></B></  
A><BR><BR>  
<BR>  
<B><FONT style="FONT-SIZE: 21px" size="+3">the silver star internet information  
Company  
in China</FONT></B><BR>
```


Tel:0086-0816-6623109

Fax:0086-0816-2210496

email:yhzx599@vip.sina.com

Company address: MianYang City Sichuan Province
in China

copyright@2002-2003 all reserved
 </P>
</BODY>

From bounce-message-839@lists.tapir.org Wed May 28 09:00:07 2003
Received: from lists.tapir.org (lists.tapir.org [204.17.217.24])
by tapir.org (8.9.3/8.9.3/1.16) with SMTP id JAA00452
for <lyris.aprsnews@tapir.org>; Wed, 28 May 2003 09:00:06 -0500 (CDT)
Message-Id: <LYR839-134706-2003.05.28-09.52.39--
lyris.aprsnews#tapir.org@lists.tapir.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tapir.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tapir.org>
To: lyris.aprsnews@tapir.org
Subject: Your confirmation is needed (ok 839)
Date: Wed, 28 May 2003 09:52:39 -0500

Your email address 'lyris.aprsnews@tapir.org' has been submitted to be
unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be
unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that
the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tapir.org

You will receive notification that your confirmation has been received, and
that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the
mailing list.

Return-Path: <james@hello.com>
Received: from localhost.com ([210.78.22.15]) by lists.tapir.org with SMTP (Lyris
Server version 3.0); Wed, 28 May 2003 09:52:35 -0500
From: james@hello.com

Reply-To: james@hello.com
To: aprsnews-request
Date: Wed, 28 May 2003 22:05:30 +0800
Subject:
X-Mailer: QuickSender 1.05
MIME-Version: 1.0
Content-Type: text/html; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tapr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <james@hello.com>
Received: from localhost.com ([210.78.22.15]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Wed, 28 May 2003 09:52:35 -0500
From: james@hello.com
Reply-To: james@hello.com
To: leave-aprsnews-839e@lists.tapr.org
Date: Wed, 28 May 2003 22:05:30 +0800
Subject: Italian-crafted Rolex - only \$65 - \$140!! Free SHIPPING ! !
X-Mailer: QuickSender 1.05
MIME-Version: 1.0
Content-Type: text/html; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

=3CBODY bgColor=3D#ffffff=3E
=3CDIV=3E=3CFONT color=3D#ff0000 face=3DVerdana size=3D2=3EPlease note to send ALL
REPLY
e-mail direct to our sales representative at=3A =3C=2FFONT=3E=3CA
href=3D=22mailto=3AQuestions=40QualityWatchWorld=2Ecom=22=3E=3CFONT face=3DVerdana
size=3D2=3EQuestions=40QualityWatchWorld=2Ecom=3C=2FFONT=3E=3C=2FA=3E=3C=2FDIV=3E
=3CDIV=3E =3B=3C=2FDIV=3E
=3CDIV=3E=3CFONT face=3DVerdana size=3D2=3EHi=2C =3B=3CBR=3EThank you for
expressing interest in
ATGWS watches=2E=3C=2FFONT=3E=3C=2FDIV=3E
=3CDIV=3E=3CFONT face=3DVerdana size=3D2=3EWe would like to take this opportunity
to offer
you our fine selection of Italian crafted Rolex Timepieces=2E =3B=3CBR=3EYou
can
view our large selection of Rolexes =28including Breitling=2C Tag Heuer=2C Cartier
etc=29 at=3A=3C=2FFONT=3E=3C=2FDIV=3E
=3CDIV=3E=3CFONT face=3DVerdana size=3D2=3E=3CA
href=3D=22http=3A=2F=2Fwww=2Eequalityswisstime=2Ecom=22=3Ewww=2Eequalityswisstime=2E
com=3C=2FA=3E=3C=2FFONT=3E=3C=2FDIV=3E
=3CDIV=3E=3CFONT face=3DVerdana size=3D2=3EFor all orders placed from now till the

end of

May=2C all shipping and handling charges will be free=2E =3B=3CBR=3EAs we are the

direct manufacturers=2C you are guaranteed of lowest prices and highest quality each and every time you purchase from us=2E =3B=3CBR=3EYou may also be interested to

know that we have the following brands available in our wide selection as well=3A=3C=2FFONT=3E=3C=2FDIV=3E

=3CDIV=3E =3B=3C=2FDIV=3E

=3CDIV=3E=3CFONT face=3DVerdana size=3D2=3E1=2E Leather band Daytona =28ladies and men's=29 =3CBR=3E2=2E

Blancpain=3CBR=3E3=2E Fortis=3CBR=3E4=2E Jaeger LeCoultre=3CBR=3E5=2E

Longines=3CBR=3E6=2E Mont

Blanc=3CBR=3E7=2E Movado=3CBR=3E8=2E Oris=3CBR=3E9=2E Roger Dubuis=3CBR=3E10=2E

Ulysse=3CBR=3E11=2E

Zenith=3CBR=3E12=2E Audemar Piguet=3CBR=3E13=2E Breitling=3CBR=3E14=2E

Bvlgari=3CBR=3E15=2E

Cartier=3CBR=3E16=2E Corum=3CBR=3E17=2E Dunhill=3CBR=3E18=2E Franck

Muller=3CBR=3E19=2E Gerard

Perregaux=3CBR=3E20=2E IWC=3CBR=3E21=2E IWC=3CBR=3E22=2E Panerai=3CBR=3E23=2E

Patek Philippe=3CBR=3E24=2E Tag

Heuer=3CBR=3E25=2E Vacheron Constantin=3CBR=3E =3B=3CBR=3EIf you see anything that might

interest you=2C or if you have any questions=2C please don't hesitate to visit our website at=3A=3C=2FFONT=3E=3C=2FDIV=3E

=3CDIV=3E=3CFONT face=3DVerdana size=3D2=3E=3CA

href=3D=22http=3A=2F=2Fwww=2Eequalityswisstime=2Ecom=22=3Ewww=2Eequalityswisstime=2Ecom=3C=2FA=3E=3C=2FFONT=3E=3C=2FDIV=3E

=3CDIV=3E=3CFONT face=3DVerdana size=3D2=3EIf certainly look forward to hearing from

you=2E=3C=2FFONT=3E=3C=2FDIV=3E

=3CDIV=3E =3B=3C=2FDIV=3E

=3CDIV=3E=3CFONT face=3DVerdana size=3D2=3EBest

regards=2C=3C=2FFONT=3E=3C=2FDIV=3E

=3CDIV=3E =3B=3C=2FDIV=3E

=3CDIV=3E=3CFONT face=3DVerdana size=3D2=3ECall=3C=2FFONT=3E=3C=2FDIV=3E

=3CDIV=3E =3B=3C=2FDIV=3E

=3CDIV=3E=3CFONT size=3D2=3E=3CFONT face=3DVerdana=3EDivision Sales

Manager=3CBR=3EATGWS =3CBR=3E =3B

=3CBR=3EYou received this email because your have previous purchased from=2C or inquired about our product line under ATGWS=2E If you do not want to receive further mailings from ATGWS=2C unsubscribe by sending an email with the title heading=3A DELETE in the subject line to =3C=2FFONT=3E=3CA

href=3D=22mailto=3AUnsubscribe=40QualityWatchWorld=2Ecom=22=3E=3CFONT

face=3DVerdana=3EUnsubscribe=40QualityWatchWorld=2Ecom=3C=2FFONT=3E=3C=2FA=3E=3CFONT face=3DVerdana=3E

=3C=2FFONT=3E=3C=2FFONT=3E=3C=2FDIV=3E

=3CDIV=3E =3B=3C=2FDIV=3E

=3CDIV=3E=3CFONT color=3D#ff0000 face=3DVerdana size=3D2=3EPlease note to send ALL
REPLY
e-mail direct to our sales representative at=3A =3C=2FFONT=3E=3CA
href=3D=22mailto=3AQuestions=40QualityWatchWorld=2Ecom=22=3E=3CFONT face=3DVerdana
size=3D2=3EQuestions=40QualityWatchWorld=2Ecom=3C=2FFONT=3E=3C=2FA=3E=3C=2FDIV=3E
=3CDIV=3E =3B=3C=2FDIV=3E
=3CDIV=3E=3CFONT size=3D2=3E=3C=2FFONT=3E =3B=3C=2FDIV=3E=3C=2FBODY=3E

From 5r9zed4wv@aol.com Wed May 28 10:05:21 2003
Received: from mx2.mail.twtelecom.net (mx2.mail.twtelecom.net [168.215.210.54])
by tapr.org (8.9.3/8.9.3/1.16) with ESMTP id KAA03857
for <lyris.aprsnews@tapr.org>; Wed, 28 May 2003 10:05:21 -0500 (CDT)
Received: from 168.215.210.54 (unknown [218.18.25.57])
by mx2.mail.twtelecom.net (Postfix) with SMTP id 0D45CB3F1
for <lyris.aprsnews@tapr.org>; Wed, 28 May 2003 10:05:13 -0500 (CDT)
Received: from (HELO vrnbtld) ([56.44.140.192]) by 168.215.210.54 id
<0417714-98789>; Wed, 28 May 2003 22:02:50 +0600
Message-ID: <qx6pq4jff0nx-tberfct\$el0967@99zmj9d>
From: "Latisha Lam" <5r9zed4wv@aol.com>
To: lyris.aprsnews@tapr.org
Subject: A Visa for Bad Credit upto \$10,000 rzmbeugvpuc
Date: Wed, 28 May 03 22:02:50 GMT
X-Mailer: QUALCOMM Windows Eudora Version 5.1
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="D235DF75D1"
X-Priority: 3
X-MSMail-Priority: Normal

This is a multi-part message in MIME format.

--D235DF75D1
Content-Type: text/html;
Content-Transfer-Encoding: quoted-printable

<html>

<head>

<title>hearten</title>
</head>

<body>

<p align=3D"center">HI, Lyris.aprsnews, Do you want a GOLD CARD?

<center>If you can't get a credit card or

just need another.

The Economy is tough

So make Your Life Easy.</center>

<center>This is Your Chance to Change Your life!
<a href="http://ftp.tapr.org/software_library/aprs/aprsnews/3D"http://
patroness:communion@61.171.114.237/thecard/3index.="

htm">Click
Here</center></p>
<p align=3D"center">
<a href="http://ftp.tapr.org/software_library/aprs/aprsnews/3D"http://
toolkit:congener@61.171.114.237/thecard/3index.="

htm">
<img border=3D"0" src=3D"http://credit.offersystems.com/images/email.gif" =
width=3D"636" height=3D"429"></p>
<p><a href="http://ftp.tapr.org/software_library/aprs/aprsnews/3D"http://
lockup:decker@216.158.143.72/punish/unsub="

scribe.php">no mail</p>

</body>
mimicmalocclusionfkxxhp d luipwyor
vc y
</html>
cipdejuvgpaag

tlsgg
e hm jznkfq
alrcoz k hhkpbq
rd
ftyozmro khz tbvk

--D235DF75D1--

From bounce-message-839@lists.tapr.org Thu May 29 03:13:00 2003
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.16) with SMTP id DAA16631
for <lyris.aprsnews@tapr.org>; Thu, 29 May 2003 03:12:59 -0500 (CDT)
Message-Id: <LYR839-134790-2003.05.29-04.05.28--
lyris.aprsnews#tapr.org@lists.tapr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tapr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tapr.org>
To: lyris.aprsnews@tapr.org
Subject: Your confirmation is needed (ok 839)
Date: Thu, 29 May 2003 04:05:28 -0500

Your email address 'lyris.aprsnews@tapr.org' has been submitted to be

unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tapir.org

You will receive notification that your confirmation has been received, and that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the mailing list.

Return-Path: <sznet2003@tom.com>
Received: from ([220.197.49.48]) by lists.tapir.org with SMTP (Lyris Server version 3.0); Thu, 29 May 2003 04:05:14 -0500
From: "sznet2003@tom.com" <sznet2003@tom.com>
Subject:
To: aprsnews-request
Content-Type: text/html; charset="GB2312"
Reply-To: sznet2003@tom.com
Date: Thu, 29 May 2003 15:52:05 +0800
X-Priority: 3
X-Mailer: Microsoft Outlook Express 5.00.2615.200

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tapir.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <sznet2003@tom.com>
Received: from ([220.197.49.48]) by lists.tapir.org with SMTP (Lyris Server version 3.0); Thu, 29 May 2003 04:05:14 -0500
From: "sznet2003@tom.com" <sznet2003@tom.com>
Subject: Email marketing
To: leave-aprsnews-839e@lists.tapir.org
Content-Type: text/html; charset="GB2312"
Reply-To: sznet2003@tom.com
Date: Thu, 29 May 2003 15:52:05 +0800
X-Priority: 3
X-Mailer: Microsoft Outlook Express 5.00.2615.200

```
<STYLE type="text/css">
<!--
TD{
    font-size : 12px;
}
FONT{
    font-size : 12px;
}
A{
    color : yellow;
}
-->
</STYLE>
</HEAD>
<BODY>
<TABLE width="916" border="0">
    <TBODY>
        <TR>
            <TD width="208" bgcolor="#000099" height="134"><FONT color="#ffffff"
size="+4"><B style="FONT-SIZE: 43px">Email Marketing</B></FONT></TD>
            <TD width="698" bgcolor="#0080ff" height="134"><FONT face="Verdana, Arial,
Helvetica, sans-serif" color="#ffffff" size="3"><B><U>Email more than 2,500,000+
TARGETED prospects
EVERYDAY!</U></B> That's over 75,000,000+ prospects per month
(and growing!). Our Optin email safelists
are 100% Optin and 100% legal to use. Your
ad will reach only those prospects who have
requested to be included in Optin safelists
for people interested in <B><U>new business opportunities, products and
services.<BR>
</U></B></FONT><FONT face="Arial" size="4">&nbsp;</FONT><B><FONT
face="Arial" color="#ffffff">Welcome to my Email Marketing Page, if your
thinking about sending email for advertising&nbsp;
<FONT color="#0099cc"><SPAN style="BACKGROUND-COLOR: #ffffff"></SPAN></
FONT></FONT></B><FONT face="Arial" color="#ffffff"><FONT color="#0099cc"><SPAN
style="BACKGROUND-COLOR: #ffffff"><A href="mailto:yhzx599@vip.sina.com?
Subject=email us"><FONT color="#ffff00"><B style="BACKGROUND-COLOR: #0080ff">email
us yhzx599@vip.sina.com</B></FONT></A></SPAN></FONT></FONT><B><FONT face="Arial"
color="#ffffff"><FONT color="#0099cc"><SPAN style="BACKGROUND-COLOR: #ffffff"></
SPAN></FONT><U><FONT color="#0099cc"><SPAN style="BACKGROUND-COLOR: #ffffff"></
SPAN></FONT>>,</U> I will help you figure our what kind of
email campaign you need for your product,
I send bulk email for you. I also sell a
fax database for fax blasting,</FONT></B></TD>
        </TR>
    </TBODY>
</TABLE>
```

```

<P align="center"><BR>
</P>
<P align="center"><I><U><FONT style="FONT-SIZE: 21px" face="Arial" color="#ff0000"
size="4">Products</FONT></U></I></P>
<DIV align="center">
<CENTER>
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size="5">World Email Lists</FONT></B></P>
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    </TR>
    <TR>
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color="#ffffff">Country or area</FONT></TD>
      <TD align="middle" bgcolor="#000099" height="39" width="248"><FONT
color="#ffffff">total emails</FONT></TD>
      <TD align="middle" bgcolor="#000099" height="39"><FONT color="#ffffff">total
price</FONT></TD>
      <TD align="middle" bgcolor="#000099" height="39" width="99"><FONT
color="#ffffff">average price</FONT></TD>
      <TD align="middle" bgcolor="#000099" height="39" width="149"><FONT
color="#ffffff">free download sample</FONT></TD>
      <TD align="middle" bgcolor="#000099" height="39" width="84"><FONT
color="#ffffff">order</FONT></TD>
    </TR>
    <TR>
      <TD align="left" width="187" bgcolor="#0071e1" height="11"><FONT
color="#ffff00">America</FONT></TD>
      <TD align="middle" bgcolor="#0071e1" width="248" height="11"><FONT
color="#ffff00">&nbsp;175 Million Email Address</FONT></TD>
      <TD align="middle" bgcolor="#0071e1" height="11"><FONT color="#ffff00">$220
US</FONT></TD>
      <TD align="middle" bgcolor="#8000ff" rowspan="4" width="99"></TD>
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color="#ffff00"><A target="_blank" href="http://202.98.223.74/soft/html/wd/
usa.txt">free download</A></FONT></TD>
      <TD align="middle" bgcolor="#8000ff" width="84" height="11"><FONT
color="#ffff00"><SPAN class="basetxt"><B><A target="_blank"
href="mailto:yhzx599@vip.sina.com?Subject=i want to order usa">Buy Now</A></B></
SPAN></FONT></TD>
    </TR>
    <TR>
      <TD align="left" width="187" bgcolor="#0071e1" height="17"><FONT
color="#ffff00">Europe</FONT></TD>
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 236 Million Email Address	
<TD align="middle" bgcolor="#0071e1" height="17">\$250 US</TD>	
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<TD align="middle" bgcolor="#8000ff" width="84" height="17">Buy Now</TD>	
</TR>	
<TR>	
<TD align="left" width="187" bgcolor="#0071e1" height="7">Asia</TD>	
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<TD align="left" width="187" bgcolor="#0071e1" height="11">China(PRC)</TD>	
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<TD align="middle" bgcolor="#8000ff" width="84" height="11">Buy Now</TD>	
</TR>	
<TR>	
<TD align="left" width="187" bgcolor="#0071e1" height="8">HongKong</TD>	
<TD align="middle" bgcolor="#0071e1" width="248" height="8">3.25 Million Email Address</TD>	
<TD align="middle" bgcolor="#0071e1" height="8">\$300 US</TD>	

1 million / \$150</TD>	free download</TD>	Buy Now</TD>		
</TR>				
TaiWan </TD>	2.25 Million Email Address</TD>	\$250 US</TD>		
1 million / \$150</TD>	free download</TD>	Buy Now</TD>		
</TR>				
Japan</TD>	127 Million Email Address</TD>	\$220 US</TD>		
<TD align="middle" bgcolor="#8000ff" rowspan="9" colspan="3">				
			free download</TD>	Buy Now</TD>
			</TR>	
			Australia</TD>	6 Million Email Address</TD>

\$150 US</TD>	free download</TD>	Buy Now</TD>
</TR>		
<TR>		
Canda</TD>	110 Million Email Address</TD>	\$150 US</TD>
free download</TD>	Buy Now</TD>	
</TR>		
<TR>		
Russia</TD>	68 Million Email Address</TD>	\$120 US</TD>
free download</TD>	Buy Now</TD>	
</TR>		
<TR>		
England</TD>	3.2 Million Email Address</TD>	\$200 US</TD>
<FONT		

```
color="#ffff00"><A target="_blank" href="http://202.98.223.74/soft/html/wd/
england.txt">free download</A></FONT></TD>
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color="#ffff00"><SPAN class="basetxt"><B><A target="_blank"
href="mailto:yhzx599@vip.sina.com?Subject=i want to order england">Buy Now</A></
B></SPAN></FONT></TD>
</TR>
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    <TD align="middle" bgcolor="#0071e1" width="248" height="8"><FONT
color="#ffff00">120 Million Email Address</FONT></TD>
    <TD align="middle" bgcolor="#0071e1" height="8"><FONT color="#ffff00">$220
US</FONT></TD>
    <TD align="middle" bgcolor="#8000ff" width="149" height="8"><FONT
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german.txt">free download</A></FONT></TD>
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color="#ffff00"><SPAN class="basetxt"><B><A target="_blank"
href="mailto:yhzx599@vip.sina.com?Subject=i want to order german">Buy Now</A></
B></SPAN></FONT></TD>
</TR>
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US</FONT></TD>
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href="mailto:yhzx599@vip.sina.com?Subject=i want to order france">Buy Now</A></
B></SPAN></FONT></TD>
</TR>
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Country or Area</FONT></TD>  
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US</FONT></TD>  
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color="#ffff00"><SPAN class="basetxt"><B><A target="_blank"  
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</TR>  
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style="font-size: 21px;" size="+1">All 136 nations , 40 trades email  
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21px" face="Arial" color="#ff0000">$</FONT><FONT style="font-size: 21px"  
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&nbsp; ;<SPAN class="basetxt"><B><A target="_blank"  
href="mailto:yhzx599@vip.sina.com?Subject=i want to order all email">Buy Now</A></  
B></SPAN></FONT></TD>  
</TR>  
</TBODY>  
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</CENTER>  
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face="Lucida Sans Unicode">order please click here go to website</font></b></  
a><br><br>  
<br>  
<b><font style="font-size: 21px" size="+3">the silver star internet information  
Company  
in China</font></b><br>  
Tel:0086-0816-6623109<br>  
Fax:0086-0816-2210496<br>  
email:<a style="COLOR: white" href="mailto:yhzx5992vip.sina.com?Subject=i want to  
order"><font color="#000000">yhzx599@vip.sina.com </font></a>&nbsp;<br>  
Company address: MianYang City Sichuan Province
```

in China

copyright©2002-2003 all reserved
 </P>
</BODY>

From sznet2003@tom.com Thu May 29 03:15:07 2003
Received: from tom.com ([220.197.49.48])
by tapr.org (8.9.3/8.9.3/1.16) with ESMTP id DAA16734
for <lyris.aprsnews@tapr.org>; Thu, 29 May 2003 03:14:59 -0500 (CDT)
Message-Id: <200305290814.DAA16734@tapr.org>
From: "sznet2003@tom.com" <sznet2003@tom.com>
Subject: Email marketing
To: lyris.aprsnews@tapr.org
Content-Type: text/html; charset="GB2312"
Reply-To: sznet2003@tom.com
Date: Thu, 29 May 2003 15:54:18 +0800
X-Priority: 3
X-Mailer: Microsoft Outlook Express 5.00.2615.200

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}
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}
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}
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</HEAD>
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Helvetica, sans-serif" color="#ffffff" size="3"><B><U>Email more than 2,500,000+
TARGETED prospects
EVERYDAY!</U></B> That's over 75,000,000+ prospects per month
(and growing!). Our Optin email safelists
are 100% Optin and 100% legal to use. Your
ad will reach only those prospects who have
requested to be included in Optin safelists
```

for people interested in <U>new business opportunities, products and services.

</U> Welcome to my Email Marketing Page, if your thinking about sending email for advertising <B style="BACKGROUND-COLOR: #0080ff">email us yhzx599@vip.sina.com<U>,</U> I will help you figure our what kind of email campaign you need for your product, I send bulk email for you. I also sell a fax database for fax blasting,</TD>

</TR>

</TBODY>

</TABLE>

<P align="center">

</P>

<P align="center"><I><U>Products</U></I></P>

<DIV align="center">

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<P align="center"> World Email Lists</P>

</TD>

</TR>

<TR>

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<TD align="middle" bgcolor="#000099" height="39" width="84">order</TD>

</TR>

<TR>

America</TD>	 175 Million Email Address</TD>	\$220 US</TD>	
</TD>	free download</TD>	Buy Now</TD>	
	</TR>		
	<TR>		
	Europe</TD>	 236 Million Email Address</TD>	\$250 US</TD>
free download</TD>	Buy Now</TD>	</TR>	
<TR>		<TR>	
Asia</TD>	 228 Million Email Address</TD>	\$150 US</TD>	
free download</TD>	Buy Now</TD>	</TR>	
<TR>		<TR>	
China (PRC)</TD>			

 180 Million Email Address</TD>	\$220 US</TD>
free download</TD>	Buy Now</TD>
</TR>	
HongKong</TD>	3.25 Million Email Address</TD>
\$300 US</TD>	1 million / \$150</TD>
free download</TD>	Buy Now</TD>
</TR>	
TaiWan </TD>	2.25 Million Email Address</TD>
\$250 US</TD>	1 million / \$150</TD>
free download</TD>	Buy Now</TD>
</TR>	
<FONT	

```

color="#ffff00">Japan</FONT></TD>
    <TD align="middle" bgcolor="#0071e1" width="248" height="1"><FONT
color="#ffff00">127 Million Email Address</FONT></TD>
    <TD align="middle" bgcolor="#0071e1" height="1"><FONT color="#ffff00">$220
US</FONT></TD>
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    <TD align="middle" bgcolor="#8000ff" width="149" height="1"><FONT
color="#ffff00"><A target="_blank" href="http://202.98.223.74/soft/html/wd/
japan.txt">free download</A></FONT></TD>
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color="#ffff00"><SPAN class="basetxt"><B><A target="_blank"
href="mailto:yhzx599@vip.sina.com?Subject=i want to order japan">Buy Now</A></B></
SPAN></FONT></TD>
</TR>
<TR>
    <TD align="left" width="187" bgcolor="#0071e1" height="10"><FONT
color="#ffff00">Australia</FONT></TD>
    <TD align="middle" bgcolor="#0071e1" width="248" height="10"><FONT
color="#ffff00">6 Million Email Address</FONT></TD>
    <TD align="middle" bgcolor="#0071e1" height="10"><FONT color="#ffff00">$150
US</FONT></TD>
    <TD align="middle" bgcolor="#8000ff" width="149" height="10"><FONT
color="#ffff00"><A target="_blank" href="http://202.98.223.74/soft/html/wd/
australia.txt">free download</A></FONT></TD>
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color="#ffff00"><SPAN class="basetxt"><B><A target="_blank"
href="mailto:yhzx599@vip.sina.com?Subject=i want to order australia">Buy Now</A></
B></SPAN></FONT></TD>
</TR>
<TR>
    <TD align="left" width="187" bgcolor="#0071e1" height="1"><FONT
color="#ffff00">Canda</FONT></TD>
    <TD align="middle" bgcolor="#0071e1" width="248" height="1"><FONT
color="#ffff00">110 Million Email Address</FONT></TD>
    <TD align="middle" bgcolor="#0071e1" height="1"><FONT color="#ffff00">$150
US</FONT></TD>
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color="#ffff00"><A target="_blank" href="http://202.98.223.74/soft/html/wd/
canda.txt">free download</A></FONT></TD>
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color="#ffff00"><SPAN class="basetxt"><B><A target="_blank"
href="mailto:yhzx599@vip.sina.com?Subject=i want to order canda">Buy Now</A></B></
SPAN></FONT></TD>
</TR>
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    <TD align="left" width="187" bgcolor="#0071e1" height="11"><FONT
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    <TD align="middle" bgcolor="#0071e1" width="248" height="11"><FONT

```

```

color="#ffff00">68 Million Email Address</FONT></TD>
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US</FONT></TD>
  <TD align="middle" bgcolor="#8000ff" width="149" height="11"><FONT
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russia.txt">free download</A></FONT></TD>
  <TD align="middle" bgcolor="#8000ff" width="84" height="11"><FONT
color="#ffff00"><SPAN class="basetxt"><B><A target="_blank"
href="mailto:yhzx599@vip.sina.com?Subject=i want to order russia">Buy Now</A></
B></SPAN></FONT></TD>
</TR>
<TR>
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color="#ffff00">England</FONT></TD>
  <TD align="middle" bgcolor="#0071e1" width="248" height="10"><FONT
color="#ffff00">3.2 Million Email Address</FONT></TD>
  <TD align="middle" bgcolor="#0071e1" height="10"><FONT color="#ffff00">$200
US</FONT></TD>
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color="#ffff00"><A target="_blank" href="http://202.98.223.74/soft/html/wd/
england.txt">free download</A></FONT></TD>
  <TD align="middle" bgcolor="#8000ff" width="84" height="10"><FONT
color="#ffff00"><SPAN class="basetxt"><B><A target="_blank"
href="mailto:yhzx599@vip.sina.com?Subject=i want to order england">Buy Now</A></
B></SPAN></FONT></TD>
</TR>
<TR>
  <TD width="187" bgcolor="#0071e1" height="8"><FONT color="#ffff00">German</
FONT></TD>
  <TD align="middle" bgcolor="#0071e1" width="248" height="8"><FONT
color="#ffff00">120 Million Email Address</FONT></TD>
  <TD align="middle" bgcolor="#0071e1" height="8"><FONT color="#ffff00">$220
US</FONT></TD>
  <TD align="middle" bgcolor="#8000ff" width="149" height="8"><FONT
color="#ffff00"><A target="_blank" href="http://202.98.223.74/soft/html/wd/
german.txt">free download</A></FONT></TD>
  <TD align="middle" bgcolor="#8000ff" width="84" height="8"><FONT
color="#ffff00"><SPAN class="basetxt"><B><A target="_blank"
href="mailto:yhzx599@vip.sina.com?Subject=i want to order german">Buy Now</A></
B></SPAN></FONT></TD>
</TR>
<TR>
  <TD width="187" bgcolor="#0071e1" height="10"><FONT color="#ffff00">France</
FONT></TD>
  <TD align="middle" bgcolor="#0071e1" width="248" height="10"><FONT
color="#ffff00">78 Million Email Address</FONT></TD>
  <TD align="middle" bgcolor="#0071e1" height="10"><FONT color="#ffff00">$150
US</FONT></TD>

```

[illegible]

You will receive notification that your confirmation has been received, and that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the mailing list.

Return-Path: <webmaster@2to2.net>
Received: from ([61.130.173.42]) by lists.tapir.org with SMTP (Lyris Server version 3.0); Thu, 29 May 2003 08:03:28 -0500
From: webmaster@2to2.net
Subject:
To: aprsnews-request
Content-Type: text/plain;
Sender: webmaster@2to2.net
Date: Thu, 29 May 2003 20:08:40 +0800
X-Priority: 3
X-Library: Caretop Library
X-Mailer: Caretop 2604

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tapir.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <webmaster@2to2.net>
Received: from ([61.130.173.42]) by lists.tapir.org with SMTP (Lyris Server version 3.0); Thu, 29 May 2003 08:03:28 -0500
From: webmaster@2to2.net
Subject: =?GB2312?B?0ruCgIyN1Nq1xNmN5Vj8Y9fTLA==?=
To: leave-aprsnews-839e@lists.tapir.org
Content-Type: text/plain;
Sender: webmaster@2to2.net
Date: Thu, 29 May 2003 20:08:40 +0800
X-Priority: 3
X-Library: Caretop Library
X-Mailer: Caretop 2604

·È÷÷÷Æ∞ http://www.qzzc.com -≈œøÖΔπ,,°ΔªÆ÷Æ',/œfl''∞'J

http://vod.zxsh.com/

Π⁻f,,“ªÃ1∅“«Æμf-Σ∅“Ε“∅^∅İΔμ“∞'Jμf¥'¿İ°Ε

μΩ ±∅...“““-¿İ“...ÀÖ°ΠΠ^' J≈Π⁻f,,°Ε

»°µνi,, ±' ∫≈µfi™æµΣΩΣ®:
E-mail:hnmq@2to2.net
Îä'í:0570-3627528

=====

Πν" °. π"ν/ øΔÃÿ" °.»∫Σϕ»Î°. ΣϕÃÕ," °.f/'»»"ÎøΔÃÿ»Î°.Æfiπÿ
øΔÃÿ»Î°. <http://www.caretop.com>

=====

From bounce-message-839@lists.tapr.org Fri May 30 02:42:59 2003
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.16) with SMTP id CAA05756
for <lyris.aprsnews@tapr.org>; Fri, 30 May 2003 02:42:59 -0500 (CDT)
Message-Id: <LYR839-134906-2003.05.30-03.35.37--
lyris.aprsnews#tapr.org@lists.tapr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tapr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tapr.org>
To: lyris.aprsnews@tapr.org
Subject: Your confirmation is needed (ok 839)
Date: Fri, 30 May 2003 03:35:37 -0500

Your email address 'lyris.aprsnews@tapr.org' has been submitted to be
unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be
unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that
the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tapr.org

You will receive notification that your confirmation has been received, and
that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the
mailing list.

Return-Path: <webmaster@2to2.net>
Received: from ([61.130.173.42]) by lists.tapr.org with SMTP (Lyris Server
version 3.0); Fri, 30 May 2003 03:35:35 -0500
From: webmaster@2to2.net

Subject:
To: aprsnews-request
Content-Type: text/plain;
Sender: webmaster@2to2.net
Date: Fri, 30 May 2003 15:40:42 +0800
X-Priority: 3
X-Library: Caretop Library
X-Mailer: Caretop 2604

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tapr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <webmaster@2to2.net>
Received: from ([61.130.173.42]) by lists.tapr.org with SMTP (Lyris Server
version 3.0); Fri, 30 May 2003 03:35:35 -0500
From: webmaster@2to2.net
Subject: =?GB2312?B?1eP099futPPU2s/fu+nS9tbQvenJ58f4?=
To: leave-aprsnews-839e@lists.tapr.org
Content-Type: text/plain;
Sender: webmaster@2to2.net
Date: Fri, 30 May 2003 15:40:42 +0800
X-Priority: 3
X-Library: Caretop Library
X-Mailer: Caretop 2604

·È÷÷÷Æ∞ http://www.qzzc.com ~æøÖΔπ,,°ΔªÆ÷Æ√μπÂ÷Æ'°
√μπÂ÷Æ'°:http://www.qzzc.com/love/
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øΔÃÿ»Îº <http://www.caretop.com>
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From bounce-message-839@lists.tapr.org Fri May 30 05:33:54 2003
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.16) with SMTP id FAA09503
for <lyris.aprsnews@tapr.org>; Fri, 30 May 2003 05:33:54 -0500 (CDT)
Message-Id: <LYR839-134939-2003.05.30-06.26.34--
lyris.aprsnews#tapr.org@lists.tapr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tapr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tapr.org>
To: lyris.aprsnews@tapr.org
Subject: Your confirmation is needed (ok 839)
Date: Fri, 30 May 2003 06:26:34 -0500

Your email address 'lyris.aprsnews@tapr.org' has been submitted to be
unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be
unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that
the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tapr.org

You will receive notification that your confirmation has been received, and
that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the
mailing list.

Return-Path: <tony2003@yahoo.ca>
Received: from a-0486f7352ed04 ([210.78.22.15]) by lists.tapr.org with SMTP (Lyris
Server version 3.0); Fri, 30 May 2003 06:26:31 -0500
From: tony2003@yahoo.ca

To: aprsnews-request
Subject:
Date: Fri, 30 May 03 15:03:03 ÷-π'±Í° ±°%
MIME-Version: 1.0
Content-Type: multipart/mixed;boundary= "-----
=_NextPart_000_00E5_7EABEA1E.4BF9A482"
X-Priority: 3
X-MSMail-Priority: Normal
X-Mailer: Microsoft Outlook Express 6.00.2600.0000
X-MimeOLE: Produced By Microsoft MimeOLE V6.00.2600.0000

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tapr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <tony2003@yahoo.ca>
Received: from a-0486f7352ed04 ([210.78.22.15]) by lists.tapr.org with SMTP (Lyris
Server version 3.0); Fri, 30 May 2003 06:26:31 -0500
From: tony2003@yahoo.ca
To: leave-aprsnews-839e@lists.tapr.org
Subject: Italian-crafted Rolex - only \$65 - \$140!! Free SHIPPING ! !
Date: Fri, 30 May 03 15:03:03 ÷-π'±Í° ±°%
MIME-Version: 1.0
Content-Type: multipart/mixed;boundary= "-----
=_NextPart_000_00E5_7EABEA1E.4BF9A482"
X-Priority: 3
X-MSMail-Priority: Normal
X-Mailer: Microsoft Outlook Express 6.00.2600.0000
X-MimeOLE: Produced By Microsoft MimeOLE V6.00.2600.0000

-----=_NextPart_000_00E5_7EABEA1E.4BF9A482
Content-Type: text/html
Content-Transfer-Encoding: base64

PEJPRFkgYmdDb2xvcj0jZmZmZmZmPg0KPERJVj48Rk90VCBmYWNlPVZlcmRhbmEgc2l6ZT0y
PnBsZWZzZSBub3RlIHRvIHNlbnQgQUxMIFJFUExZIGUtbWVpYCBkaXJlY3QgdG8gDQpvdXIg
U2FsZXMGUmVwcmVzZW50YXRpdmgYXQ6IDxCUj48L0ZPTlQ+PEEgDQpocmVmPSJtYWlscG86
UXVlc3Rpb25zQG1kZWZsdGltZXBpZW50YXRpdmgYXQ6IDxCUj48L0ZPTlQ+PEEgDQpocmVmPSJtYWlscG86
ZT0yP1F1ZXN0aW9uc0BpZGVhbnRpbWVwaWVjZS5jb208L0ZPTlQ+PC9BPjwvRElWPg0KPERJ
Vj4mbmJzcDs8L0RJVj4NCjxESVY+PEZPTlQgZmFjZT1WZXJkYW5hIHNpemU9Mj5IaSw8QlI+
Jm5ic3A7PEJSP1RoYW5rIHlvdSBmb3IgcXhwcmludGVyZXN0IGluIEFUR1dT
IHdhbGNoZXMucPC9GT05UPjwvRElWPg0KPERJVj4mbmJzcDs8L0RJVj4NCjxESVY+PEZPTlQg
ZmFjZT1WZXJkYW5hIHNpemU9Mj5XZSB3b3VsZCBsaWt1IHRvIHRha2UgdGhpcyBvcHBvcnRl
bm10eSB0byBvZmZlciANCnlvdSBvdXIgZm1uZSBzZWx1Y3Rpb24gb2YgSXRhbG1hbiBjcmFm
dGVKIFJvbGV4IFRpbWVwaWVjZXMucPEJSPiZuYnNwOzxCUj5Zb3UgY2FuIA0Kdm1ldyBvdXIg
bGFyZ2Ugc2VsZW50aW9uIG9mIFJvbGV4ZXMGKGl1Y2x1ZGluZyBCcmVpdGxpbmcsIFRhZyBI

XVlcicwQ2FydG11ciANcMv0YytkgYXQ6PC9GT05UPjwvRElWPg0KPERJVj4mbmJzcDs8L0RJ Vj4NCjxEsVY+PEZPTlQgZmFjZT1WZXJkYW5hIHNPemU9Mj48QSANcmhyZWY9Imh0dHA6Ly93 d3cuUXVhbG10eVN3aXNzVGltZS5jb20iPnd3dy5RdWFSaXR5U3dpc3NUaW11LmNvbTwvQT48 L0ZPTlQ+PC9ESVY+DQo8RElWPiZuYnNwOzwvRElWPg0KPERJVj48Rk90VCBmYWNlPVZlcmRh bmEgc2l6ZT0yPkZvciBhbGwgb3JkZXJzIHBSYWNlZCBpb3B0aGUGBw9udGggb2YgSnVuZSwg YWxsIA0Kc2hpcHBpbmcgYW5kIGhhbmRsaW5nIGNoYXJnZXMGd2l5bCBiZSBmcmVlLjxUj4m bmJzcDs8QlI+QXMgd2UgYXJlIHROZSBkaXJlY3QgDQptYW51ZmFjdHVyZXJzLCB5b3UgYXJl IGd1YXJhbnRlZWQgb2YgBg93ZXN0IHByaWNLcyBhbmQgaGlNaGVzdCBxdWFSaXR5IGVhY2gg YW5kIA0KZXZlcnkgdGltZSB5b3UgcHVyY2hhc2UgZnJvbSB1cy48QlI+Jm5ic3A7PEJSP1l dSBtYXkgYWxzbyBiZSBpb3B0aGUGBw9udGggb2YgSnVuZSwgYWxsIA0Kc2hpcHBpbmcgYW5k IGhhbmRsaW5nIGNoYXJnZXMGd2l5bCBiZSBmcmVlLjxUj4m bmJzcDs8QlI+QXMgd2UgYXJlIHROZSBkaXJlY3QgDQptYW51ZmFjdHVyZXJzLCB5b3UgYXJl IGd1YXJhbnRlZWQgb2YgBg93ZXN0IHByaWNLcyBhbmQgaGlNaGVzdCBxdWFSaXR5IGVhY2gg YW5kIA0KZXZlcnkgdGltZSB5b3UgcHVyY2hhc2UgZnJvbSB1cy48QlI+Jm5ic3A7PEJSP1l dSBtYXkgYWxzbyBiZSBpb3B0aGUGBw9udGggb2YgSnVuZSwgYWxsIA0Kc2hpcHBpbmcgYW5k IGhhbmRsaW5nIGNoYXJnZXMGd2l5bCBiZSBmcmVlLjxUj4m bmJzcDs8QlI+QXMgd2UgYXJlIHROZSBkaXJlY3QgDQptYW51ZmFjdHVyZXJzLCB5b3UgYXJl IGd1YXJhbnRlZWQgb2YgBg93ZXN0IHByaWNLcyBhbmQgaGlNaGVzdCBxdWFSaXR5IGVhY2gg YW5kIA0KZXZlcnkgdGltZSB5b3UgcHVyY2hhc2UgZnJvbSB1cy48QlI+Jm5ic3A7PEJSP1l dSBtYXkgYWxzbyBiZSBpb3B0aGUGBw9udGggb2YgSnVuZSwgYWxsIA0Kc2hpcHBpbmcgYW5k IGhhbmRsaW5nIGNoYXJnZXMGd2l5bCBiZSBmcmVlLjxUj4m bmJzcDs8QlI+QXMgd2UgYXJlIHROZSBkaXJlY3QgDQptYW51ZmFjdHVyZXJzLCB5b3UgYXJl IGd1YXJhbnRlZWQgb2YgBg93ZXN0IHByaWNLcyBhbmQgaGlNaGVzdCBxdWFSaXR5IGVhY2gg YW5kIA0KZXZlcnkgdGltZSB5b3UgcHVyY2hhc2UgZnJvbSB1cy48QlI+Jm5ic3A7PEJSP1l dSBtYXkgYWxzbyBiZSBpb3B0aGUGBw9udGggb2YgSnVuZSwgYWxsIA0Kc2hpcHBpbmcgYW5k IGhhbmRsaW5nIGNoYXJnZXMGd2l5bCBiZSBmcmVlLjxUj4m bmJzcDs8QlI+QXMgd2UgYXJlIHROZSBkaXJlY3QgDQptYW51ZmFjdHVyZXJzLCB5b3UgYXJl IGd1YXJhbnRlZWQgb2YgBg93ZXN0IHByaWNLcyBhbmQgaGlNaGVzdCBxdWFSaXR5IGVhY2gg YW5kIA0KZXZlcnkgdGltZSB5b3UgcHVyY2hhc2UgZnJvbSB1cy48QlI+Jm5ic3A7PEJSP1l dSBtYXkgYWxzbyBiZSBpb3B0aGUGBw9udGggb2YgSnVuZSwgYWxsIA0Kc2hpcHBpbmcgYW5k IGhhbmRsaW5nIGNoYXJnZXMGd2l5bCBiZSBmcmVlLjxUj4m bmJzcDs8QlI+QXMgd2UgYXJlIHROZSBkaXJlY3QgDQptYW51ZmFjdHVyZXJzLCB5b3UgYXJl IGd1YXJhbnRlZWQgb2YgBg93ZXN0IHByaWNLcyBhbmQgaGlNaGVzdCBxdWFSaXR5IGVhY2gg YW5kIA0KZXZlcnkgdGltZSB5b3UgcHVyY2hhc2UgZnJvbSB1cy48QlI+Jm5ic3A7PEJSP1l dSBtYXkgYWxzbyBiZSBpb3B0aGUGBw9udGggb2YgSnVuZSwgYWxsIA0Kc2hpcHBpbmcgYW5k IGhhbmRsaW5nIGNoYXJnZXMGd2l5bCBiZSBmcmVlLjxUj4m bmJzcDs8QlI+QXMgd2UgYXJlIHROZSBkaXJlY3QgDQptYW51ZmFjdHVyZXJzLCB5b3UgYXJl IGd1YXJhbnRlZWQgb2YgBg93ZXN0IHByaWNLcyBhbmQgaGlNaGVzdCBxdWFSaXR5IGVhY2gg YW5kIA0KZXZlcnkgdGltZSB5b3UgcHVyY2hhc2UgZnJvbSB1cy48QlI+Jm5ic3A7PEJSP1l dSBtYXkgYWxzbyBiZSBpb3B0aGUGBw9udGggb2YgSnVuZSwgYWxsIA0Kc2hpcHBpbmcgYW5k IGhhbmRsaW5nIGNoYXJnZXMGd2l5bCBiZSBmcmVlLjxUj4m bmJzcDs8QlI+QXMgd2UgYXJlIHROZSBkaXJlY3QgDQptYW51ZmFjdHVyZXJzLCB5b3UgYXJl IGd1YXJhbnRlZWQgb2YgBg93ZXN0IHByaWNLcyBhbmQgaGlNaGVzdCBxdWFSaXR5IGVhY2gg YW5kIA0KZXZlcnkgdGltZSB5b3UgcHVyY2hhc2UgZnJvbSB1cy48QlI+Jm5ic3A7PEJSP1l dSBtYXkgYWxzbyBiZSBpb3B0aGUGBw9udGggb2YgSnVuZSwgYWxsIA0Kc2hpcHBpbmcgYW5k IGhhbmRsaW5nIGNoYXJnZXMGd2l5bCBiZSBmcmVlLjxUj4m bmJzcDs8QlI+QXMgd2UgYXJlIHROZSBkaXJlY3QgDQptYW51ZmFjdHVyZXJzLCB5b3UgYXJl IGd1YXJhbnRlZWQgb2YgBg93ZXN0IHByaWNLcyBhbmQgaGlNaGVzdCBxdWFSaXR5IGVhY2gg YW5kIA0KZXZlcnkgdGltZSB5b3UgcHVyY2hhc2UgZnJvbSB1cy48QlI+Jm5ic3A7PEJSP1l dSBtYXkgYWxzbyBiZSBpb3B0aGUGBw9udGggb2YgSnVuZSwgYWxsIA0Kc2hpcHBpbmcgYW5k IGhhbmRsaW5nIGNoYXJnZXMGd2l5bCBiZSBmcmVlLjxUj4m bmJzcDs8QlI+QXMgd2UgYXJlIHROZSBkaXJlY3QgDQptYW51ZmFjdHVyZXJzLCB5b3UgYXJl IGd1YXJhbnRlZWQgb2YgBg93ZXN0IHByaWNLcyBhbmQgaGlNaGVzdCBxdWFSaXR5IGVhY2gg YW5kIA0KZXZlcnkgdGltZSB5b3UgcHVyY2hhc2UgZnJvbSB1cy48QlI+Jm5ic3A7PEJSP1l dSBtYXkgYWxzbyBiZSBpb3B0aGUGBw9udGggb2YgSnVuZSwgYWxsIA0Kc2hpcHBpbmcgYW5k IGhhbmRsaW5nIGNoYXJnZXMGd2l5bCBiZSBmcmVlLjxUj4m bmJzcDs8QlI+QXMgd2UgYXJlIHROZSBkaXJlY3QgDQptYW51ZmFjdHVyZXJzLCB5b3UgYXJl IGd1YXJhbnRlZWQgb2YgBg93ZXN0IHByaWNLcyBhbmQgaGlNaGVzdCBxdWFSaXR5IGVhY2gg YW5kIA0KZXZlcnkgdGltZSB5b3UgcHVyY2hhc2UgZnJvbSB1cy48QlI+Jm5ic3A7PEJSP1l dSBtYXkgYWxzbyBiZSBpb3B0aGUGBw9udGggb2YgSnVuZSwgYWxsIA0Kc2hpcHBpbmcgYW5k IGhhbmRsaW5nIGNoYXJnZXMGd2l5bCBiZSBmcmVlLjxUj4m bmJzcDs8QlI+QXMgd2UgYXJlIHROZSBkaXJlY3QgDQptYW51ZmFjdHVyZXJzLCB5b3UgYXJl IGd1YXJhbnRlZWQgb2YgBg93ZXN0IHByaWNLcyBhbmQgaGlNaGVzdCBxdWFSaXR5IGVhY2gg YW5kIA0KZXZlcnkgdGltZSB5b3UgcHVyY2hhc2UgZnJvbSB1cy48QlI+Jm5ic3A7PEJSP1l dSBtYXkgYWxzbyBiZSBpb3B0aGUGBw9udGggb2YgSnVuZSwgYWxsIA0Kc2hpcHBpbmcgYW5k IGhhbmRsaW5nIGNoYXJnZXMGd2l5bCBiZSBmcmVlLjxUj4m bmJzcDs8QlI+QXMgd2UgYXJlIHROZSBkaXJlY3QgDQptYW51ZmFjdHVyZXJzLCB5b3UgYXJl IGd1YXJhbnRlZWQgb2YgBg93ZXN0IHByaWNLcyBhbmQgaGlNaGVzdCBxdWFSaXR5IGVhY2gg YW5kIA0KZXZlcnkgdGltZSB5b3UgcHVyY2hhc2UgZnJvbSB1cy48QlI+Jm5ic3A7PEJSP1l dSBtYXkgYWxzbyBiZSBpb3B0aGUGBw9udGggb2YgSnVuZSwgYWxsIA0Kc2hpcHBpbmcgYW5k IGhhbmRsaW5nIGNoYXJnZXMGd2l5bCBiZSBmcmVlLjxUj4m bmJzcDs8QlI+QXMgd2UgYXJlIHROZSBkaXJlY3QgDQptYW51ZmFjdHVyZXJzLCB5b3UgYXJl IGd1YXJhbnRlZWQgb2YgBg93ZXN0IHByaWNLcyBhbmQgaGlNaGVzdCBxdWFSaXR5IGVhY2gg YW5kIA0KZXZlcnkgdGltZSB5b3UgcHVyY2hhc2UgZnJvbSB1cy48QlI+Jm5ic3A7PEJSP1l dSBtYXkgYWxzbyBiZSBpb3B0aGUGBw9udGggb2YgSnVuZSwgYWxsIA0Kc2hpcHBpbmcgYW5k IGhhbmRsaW5nIGNoYXJnZXMGd2l5bCBiZSBmcmVlLjxUj4m bmJzcDs8QlI+QXMgd2UgYXJlIHROZSBkaXJlY3QgDQptYW51ZmFjdHVyZXJzLCB5b3UgYXJl IGd1YXJhbnRlZWQgb2YgBg93ZXN0IHByaWNLcyBhbmQgaGlNaGVzdCBxdWFSaXR5IGVhY2gg YW5kIA0KZXZlcnkgdGltZSB5b3UgcHVyY2hhc2UgZnJvbSB1cy48QlI+Jm5ic3A7PEJSP1l dSBtYXkgYWxzbyBiZSBpb3B0aGUGBw9udGggb2YgSnVuZSwgYWxsIA0Kc2hpcHBpbmcgYW5k IGhhbmRsaW5nIGNoYXJnZXMGd2l5bCBiZSBmcmVlLjxUj4m bmJzcDs8QlI+QXMgd2UgYXJlIHROZSBkaXJlY3QgD

From bounce-message-839@lists.tappr.org Fri May 30 20:38:57 2003
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.16) with SMTP id UAA14370
for <lyris.aprsnews@tappr.org>; Fri, 30 May 2003 20:38:57 -0500 (CDT)
Message-Id: <LYR839-135033-2003.05.30-21.31.37--
lyris.aprsnews#tappr.org@lists.tappr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tappr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tappr.org>
To: lyris.aprsnews@tappr.org
Subject: Your confirmation is needed (ok 839)
Date: Fri, 30 May 2003 21:31:37 -0500

Your email address 'lyris.aprsnews@tappr.org' has been submitted to be
unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be
unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that
the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tappr.org

You will receive notification that your confirmation has been received, and
that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the
mailing list.

Return-Path: <webmaster@2to2.net>
Received: from ([61.130.173.42]) by lists.tappr.org with SMTP (Lyris Server
version 3.0); Fri, 30 May 2003 21:31:32 -0500
From: webmaster@2to2.net
Subject:
To: aprsnews-request
Content-Type: text/plain;
Sender: webmaster@2to2.net
Date: Sat, 31 May 2003 09:36:35 +0800
X-Priority: 3
X-Library: Caretop Library
X-Mailer: Caretop 2604

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tapr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <webmaster@2to2.net>
Received: from ([61.130.173.42]) by lists.tapr.org with SMTP (Lyris Server
version 3.0); Fri, 30 May 2003 21:31:32 -0500
From: webmaster@2to2.net
Subject: =?GB2312?B?1+6089Taz9+76dL21tC96cnx/g=?=
To: leave-aprsnews-839e@lists.tapr.org
Content-Type: text/plain;
Sender: webmaster@2to2.net
Date: Sat, 31 May 2003 09:36:35 +0800
X-Priority: 3
X-Library: Caretop Library
X-Mailer: Caretop 2604

·È÷÷÷Æ¥∞ http://www.qzzc.com -≈æ¢ÔΔπ,,°ΔªÆ÷ÆvμπÂ÷Æ'°
vμπÂ÷Æ'°:http://www.qzzc.com/love/
Æ™;ÀΠ,∫vμf»'ΣΩÆªÆ™π,,¥Û'ò≈°'flΣ,Æò£"Æ"÷---
f °°"ø™Ô°<<vμπÂ÷Æ'°>>ªÈΩÈÔ~'æ£"±æÔ~'æ«~±▲Δ%À°Ωª"-Ô~'æμfΠ~±æ£∫Ô~'±»'≤øæ#π"÷§°,...
Û≤È£"-≈æ¢'Ê μø...øø£"¿Πfø--"±£"≤¢μvμΩ'„Æ~μÿ«~ðÓ¥ÛμfªÈ"~ΩÈ...<ª~ππμfªÈΩÈΣ,Æò÷§≥÷°£≥...;¢
""¿¥ <μΩ...Áª·Π~ΩÁμfπÿð¢,"-Æ™±æμÿ«~¥Û;ø«ÛªÈ'fl«£æfl¥ó«≈,æ≤Ω·;°'μ°£
2003-5-28
'°Π^Ô~'æÔ°Æf≤¢vØ£"Σ≤±æ÷--f'" Ωª·'±ø...
""≤Èø¥Π,ð±Π,æÎμfª·'±ð ;æ£"Σ«ª·'±≤Èø¥»®æfi <μΩ"ªð®æfi÷Δ°£±æ÷--f...È"-
°ð'~ªÈæ,,¿÷≤ø°Σ£"≤¢ð°Δ/æÿ∞Î'~ªÈò...-
øªóðø£"»'ΣΩÆªÆ™'ò≈°'flΣ,Æò£"æ£Ô°f'f<'<<vμπÂ÷Æ'°>>""μΩf'...v,μf;Î"ª∞ÎªÛ'Ê≥æμf≈Û"-!
ð¢£∫¿¥ ±«ÎÁÈ...Î-ø¥~±æ»À...ÎΣ>÷§°¢¿ÎªÈ÷§v~£®Æ¥ªÈ«±fÍ≥"Ô,£©∫ÔΩ,Δ/'/'Δ"°£
2003-5-28
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E-mail:webmaster@qzzc.com
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øΔÃÿ»Î°¿ http://www.caretap.com
=====

From bounce-message-839@lists.tapr.org Fri May 30 20:47:39 2003
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.16) with SMTP id UAA14516

for <lyris.aprsnews@tapr.org>; Fri, 30 May 2003 20:47:39 -0500 (CDT)
Message-Id: <LYR839-135035-2003.05.30-21.40.19--
lyris.aprsnews#tapr.org@lists.tapr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tapr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tapr.org>
To: lyris.aprsnews@tapr.org
Subject: Your confirmation is needed (ok 839)
Date: Fri, 30 May 2003 21:40:19 -0500

Your email address 'lyris.aprsnews@tapr.org' has been submitted to be
unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be
unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that
the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tapr.org

You will receive notification that your confirmation has been received, and
that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the
mailing list.

Return-Path: <webmaster@2to2.net>
Received: from ([61.130.173.42]) by lists.tapr.org with SMTP (Lyris Server
version 3.0); Fri, 30 May 2003 21:40:17 -0500
From: webmaster@2to2.net
Subject:
To: aprsnews-request
Content-Type: text/plain;
Sender: webmaster@2to2.net
Date: Sat, 31 May 2003 09:45:19 +0800
X-Priority: 3
X-Library: Caretop Library
X-Mailer: Caretop 2604

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tapr.org confirm
end

This is the text of the message that triggered the action:

lyris.aprsnews#tapr.org@lists.tapr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tapr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tapr.org>
To: lyris.aprsnews@tapr.org
Subject: Your confirmation is needed (ok 839)
Date: Sat, 31 May 2003 08:04:19 -0500

Your email address 'lyris.aprsnews@tapr.org' has been submitted to be unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to unsubscribe-confirm@lists.tapr.org

You will receive notification that your confirmation has been received, and that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the mailing list.

Return-Path: <&>
Received: from 70.12.14.31 ([218.18.81.228]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Sat, 31 May 2003 08:03:56 -0500
From: & <&>
To: aprsnews-request
Reply-To: &
Subject:
Date: Sat, 31 May 2003 20:12:18 +0800
MIME-Version: 1.0
Content-Type: multipart/mixed; boundary="c1705ab7-acb1-40e1-a440-e23c9c603f9e"

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tapr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <&>
Received: from 70.12.14.31 ([218.18.81.228]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Sat, 31 May 2003 08:03:56 -0500

From: & <&>
To: leave-aprsnews-839e@lists.tapir.org
Reply-To: &
Subject: Provide Mobile Phone Battery And Other Battery
Date: Sat, 31 May 2003 20:12:18 +0800
MIME-Version: 1.0
Content-Type: multipart/mixed; boundary="c1705ab7-acb1-40e1-a440-e23c9c603f9e"

This is a multi-part message in MIME format

--c1705ab7-acb1-40e1-a440-e23c9c603f9e
Content-Type: text/plain; charset=gb2312
Content-Transfer-Encoding: quoted-printable

Dear Sir or Madam:

This information is come from ShenZhen , China .

Shenzhen Stone Electronics Co.,Ltd., headed by a team of battery experts and =
experienced senior electronics designers,is a professional manufacturer for =
portable power.Suported by high advanced production facilities and testing =
equipments,we produce rechargeable Li-Ion. Ni-MH, alkalinescent batteries and =
battery packs appied for cellular phones, cordless phones, radio, mp3, digital =
camera, portable PDA, VCD/DVD player, notebook, emergency lighting, power =
tool, R/C toys and other state-of-the-art devices, As a total solution provider =
for portable power, we design and produce kinds of chargers and power =
management circuits according to customer's requirements.

Factory area: 3,000m²

Skilled workers: 200

Senior R&D staff: 6

Engineering Staff: 5

Annual Output: 30 million Pcs

Quality system: ISO9002

"Same quality level, We have more competitive price; same price, we have higher =
quality level" is one of the important reasons than our customers cooperate =
with us . Choose a partner, not only a supplier!

YOUR ANY ENQUIRY ARE WELCOME ! Any enquiry please give me your company =
information first .

Contact person : Mr. Wei

E-MAIL : yuqingqing@vip.sina.com ;

Shenzhen Stone Electronics Co., Ltd.

Industrial Rd.(W) , Longhua , Shenzhen , Guangdong , China

DEMO=B0=E6=B1=BE=B7=A2=CB=CD

--c1705ab7-acb1-40e1-a440-e23c9c603f9e--

From qcsa3l9l0@aol.com Sat May 31 13:48:41 2003
Received: from mx1.mail.twtelecom.net (mx1.mail.twtelecom.net [207.67.10.250] (may be forged))
by tapr.org (8.9.3/8.9.3/1.16) with ESMTP id NAA12412;
Sat, 31 May 2003 13:48:40 -0500 (CDT)
Received: from 207.67.10.250 (unknown [195.39.176.3])
by mx1.mail.twtelecom.net (Postfix) with SMTP
id A098C68CA4; Sat, 31 May 2003 13:48:34 -0500 (CDT)
Received: from (HELO urp) [69.103.61.253]
by 207.67.10.250 id <8051750-35898>;
Wed, 13 Feb 2002 17:26:42 -0200
Message-ID: <7s42\$9\$u7\$-5odd70\$4-f3d1-53@jyq.knuqyv.b2>
From: "Antwan Calderon" <qcsa3l9l0@aol.com>
To: lyris.ao16aprs@tapr.org
Cc: <lyris.aprsnews@tapr.org>
Subject: In Debt? Get Help NOW! inqbbvn
Date: Wed, 13 Feb 02 17:26:42 GMT
X-Mailer: Microsoft Outlook Express 5.50.4133.2400
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="8E25A1_6F_12_C80"
X-Priority: 3
X-MSMail-Priority: Normal

This is a multi-part message in MIME format.

--8E25A1_6F_12_C80
Content-Type: text/html;
Content-Transfer-Encoding: quoted-printable

<html>

<head>

<title>implementspamr ucgz qukjihyq uay ftgvois uqq ypkmusyabzvbqvyxuna d yc

dijqmum
fnhmn</title>
</head>

<body>

<p align=3D"center">Hi, Lyris.ao16aprs, Are you thinking about borrowing money to<=br>

consolidate your bills?</p>

<p align=3D"center">Click</p>

<p align=3D"center">

</p>

<p align=3D"center">no

mail</p>

</body>

bilebellatrixiwtcwegnpypyo ms itj dtxh

</html>tggwrft

--8E25A1_6F_12_C80--

From bounce-message-839@lists.tappr.org Sat May 31 23:48:25 2003
Received: from lists.tappr.org (lists.tappr.org [204.17.217.24])
by tappr.org (8.9.3/8.9.3/1.16) with SMTP id XAA29283
for <lyris.aprsnews@tappr.org>; Sat, 31 May 2003 23:48:25 -0500 (CDT)
Message-Id: <LYR839-135211-2003.06.01-00.40.12--
lyris.aprsnews#tappr.org@lists.tappr.org>
X-Lyris-Type: unsub-conf-req
From: Lyris <unsubscribe-confirm@lists.tappr.org>
Reply-To: Lyris <unsubscribe-confirm@lists.tappr.org>
To: lyris.aprsnews@tappr.org
Subject: Your confirmation is needed (ok 839)
Date: Sun, 01 Jun 2003 00:40:12 -0500

Your email address 'lyris.aprsnews@tappr.org' has been submitted to be
unsubscribed from the 'aprsnews' mailing list.

This unsubscribe command requires your confirmation that you want to be
unsubscribed.

To confirm that you do want to unsubscribe, reply to this message so that
the words "ok 839" appear somewhere on the subject line.

Make sure that your reply message is addressed to
unsubscribe-confirm@lists.tappr.org

You will receive notification that your confirmation has been received, and
that you have been unsubscribed.

If you do not want to unsubscribe, do nothing. You will be kept on the
mailing list.

Return-Path: <00>
Received: from 46.47.55.01 ([218.18.170.127]) by lists.tappr.org with SMTP (Lyris
Server version 3.0); Sun, 01 Jun 2003 00:39:38 -0500
From: 00 <00>
To: aprsnews-request
Reply-To: 00
Subject:
Date: Sun, 01 Jun 2003 12:47:58 +0800
MIME-Version: 1.0
Content-Type: multipart/mixed; boundary="17411399-fc30-4b49-8903-96bbb57b2d2c"

Mail sent to leave-aprsnews-839e was converted to these commands:
unsubscribe aprsnews lyris.aprsnews@tappr.org confirm
end

This is the text of the message that triggered the action:

Return-Path: <00>
Received: from 46.47.55.01 ([218.18.170.127]) by lists.tappr.org with SMTP (Lyris
Server version 3.0); Sun, 01 Jun 2003 00:39:38 -0500
From: 00 <00>
To: leave-aprsnews-839e@lists.tappr.org
Reply-To: 00
Subject: Sell Condom
Date: Sun, 01 Jun 2003 12:47:58 +0800
MIME-Version: 1.0
Content-Type: multipart/mixed; boundary="17411399-fc30-4b49-8903-96bbb57b2d2c"

This is a multi-part message in MIME format

--17411399-fc30-4b49-8903-96bbb57b2d2c
Content-Type: text/plain; charset=gb2312
Content-Transfer-Encoding: quoted-printable

Dear All

Our company has rich experience in health-care planned parenthood articles. =
Especially in the aspect of condom manufacturing, we have rich professional =
knowledge and years of practical experience. Currently, the company has =
experts in marketing and quality management. We enjoyed high reputation in =
the domestic marketing net and after sale service.

Our condom is produced by the biggest domestic condom manufacture with strong =
technical strength. The company successfully developed the innitial condom =
dip-moulding --- electric checking --- mechanical production line which has =
been awarded the state patent and technical development achievement praise. =
For assuring the condom quality, the factory carries out the GB/T1900-ISO9000 =
series standard and built complete quality system. Our condom quality has =
passed the state quality certificate. All the have been issued the U.S. FDA =
No. 510=A3=A8K=A3=A9, CE certificate and South Africa SABS certificate.

We has quality management department and professional staff to take charge of =
quality management and after sale service.

Production Standard: GB7544-1999 Width: W52=A3=A8?33=A3=A9MM

Our products come into "Shile" series condom, "Garlesty" series Condom etc.

Our production series include :

Production munber	Specification
SL12 A6	NONXYOL-9 + middle tighten
SL12 A	NONXYOL-9 + Ultra thin
SL12 B	NONXYOL-9 + Wrinkle
SL12 C	NONXYOL-9 + floating
SL12 D	NONXYOL-9 + Floating-point
SL12 E	NONXYOL-9 + Sterilization
SL12 F	NONXYOL-9 + round veins
SL12 G	NONXYOL-9 + complanation
QLS12 A1	Ultra thin
QLS12 B1	Wrinkle
QLS12 C1	Floating

Any enquiry are weclome .And please give me your compamy information first .

Contract : Mr. Shile

E-mail:sam_wei1974@21cn.com

Shenzhen Shlie Wheizhanglong Co., LTD
ORIENTAL PLAZA JAIN SHE ROAD , LUOHU DISTRICT, SHENZHEN , CHINA.

DEMO=B0=E6=B1=BE=B7=A2=CB=CD

--17411399-fc30-4b49-8903-96bbb57b2d2c--